Elmhurst University

2025 - 2026 Elmhurst University Catalog

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About Elmhurst

Elmhurst University offers connected learning that sparks limitless thinking so students can acquire timeless knowledge and skills for enduring success.

According to *U.S. News & World Report*, Elmhurst is one of the top universities in the Midwest. With more than 70 undergraduate majors, 17 pre-professional programs and a full array of graduate programs, including 1 doctoral program, Elmhurst boasts a student-to-faculty ratio of just 14 to 1. In small classes, professors get to know their students as individuals.

The University's campus is a green oasis and registered arboretum in the heart of a safe, quiet suburb—but it's also just a half-hour train ride from downtown Chicago, giving students unlimited access to world-class cultural and professional opportunities.

On campus, students get involved in more than 100 activities, from theatre to intramurals to the Mock Trial Team. The student newspaper wins awards; the radio station has been on the air since 1947. The campus regularly hosts performances, art exhibits and an outstanding array of guest speakers. Elmhurst's 21 varsity sports teams compete in the CCIW, one of the top conferences in NCAA Division III athletics. Bluejay teams have won conference championships in a variety of sports, and they compete in first-rate facilities.

Elmhurst University's robust career and pre-professional programs offer students a multitude of options for internships and other professional experiences. Indeed, more than 92 *percent of matriculating Elmhurst undergraduates gain on-the-job experience through internships, practicums, service work or other related experiences. And importantly, 96** percent of Elmhurst graduates find full employment or enter graduate school within one year of graduation.

Sources:
*92%: Elmhurst University Informer data/2024 undergraduate matriculation list
**96%: Institutional Research Survey Outcomes/2019–20 class

About Elmhurst

Mission, Vision, and Values

Mission

Elmhurst University inspires intellectual and personal growth in our students, preparing them for meaningful and ethical contributions to a diverse, global society.

Vision

Elmhurst University aspires to be a national leader in undergraduate and graduate education, recognized for the success of our students and alumni, our innovative faculty and staff, and our local, national, and international partnerships.

Values

Intellectual Excellence

We promote intellectual freedom, curiosity and engagement; critical and creative inquiry; rigorous debate; innovative thinking and integrity in all endeavors. We ignite a passion for learning.

Professional Preparation

We integrate professional preparation with a rigorous liberal arts foundation that prepares students for a successful, meaningful and fulfilling life.

Community

We build a welcoming community that values and embraces diversity and inclusion. We achieve this through mutual respect, compassion for others, honest and open communication, and fairness and integrity in all that we do.

Social Responsibility

We respect the dignity of every individual and promote responsible citizenship and civic engagement. We advocate for social justice on local, national and global levels. We act on our social responsibilities and empower others to do the same.

Stewardship

We are stewards of the human, fiscal and physical resources entrusted to us. We are accountable to one another for the quality of our community, the strength of our finances, and the utility and beauty of our campus as a place of intellectual engagement and personal growth. We pursue innovations that respect the environment and foster sustainability in the management of our resources.

Faith, Meaning and Purpose

We are grounded in our individual traditions and those of the United Church of Christ, and we are committed to the development of the human spirit in its many forms through dialogue, inquiry and service.

About Elmhurst

Educational Goals

Students at Elmhurst University complete an academic program that encompasses both broad experience across a range of disciplines and the mastery of a particular body of knowledge and method. Our program strives to educate students who:

- Carry through life the desire to learn and the ability to think critically and solve problems independently, with an openness to new ideas that is tempered by healthy skepticism and intellectual integrity
- Analyze the historical trends and events that explain the past, define the present, and shape the future of our nation and world
- Discover the richness of language through mastery of reading, writing, listening and speaking
- Broaden their knowledge of the literary, visual, and performing arts through creative processes
- Investigate the natural world and issues related to humanity's place in it by using the tools, technology and methods of the physical and life sciences
- Weigh the importance of spiritual values as a basis for living a meaningful and purposeful life
- Explore religious traditions and their roles in modern society
- Demonstrate an understanding of the foundations, perpetuation, and prevention of social inequalities, and experiences of historically disadvantaged groups, with a commitment to respect and compassion for all
- Provide service to their communities in ways which demonstrate a commitment to personal integrity and social justice, and lead in the creation of a more inclusive, equitable world

About Elmhurst

Accreditations and Affiliations

Accreditations

The University is accredited by the following organizations:

- Higher Learning Commission (hlccommission.org), a regional accreditation agency recognized by the U.S. Department of Education*
- The Commission on Collegiate Nursing Education (baccalaureate and master's)**
- The Illinois State Board of Education
- American Speech-Language-Hearing Association, Council on Academic Accreditation in Audiology and Speech Language Pathology (graduate programs)
- Accreditation Council for Occupational Therapy Association (AOTA)
- American Chemical Society (baccalaureate)

Affiliations

The University subscribes to the Statement of Principles of Good Practice of the National Association for College Admission Counseling, and is a member of the following organizations:

- The American College Personnel Association
- The American Council on Education
- The American Association of Colleges for Teacher Education
- The American Association of Colleges of Nursing
- The American Association of Collegiate Registrars and Admission Officers
- The American Association of University Women
- The Associated Colleges of the Chicago Area
- The Associated Colleges of Illinois
- The Association of American College and Universities
- The Association for Continuing Higher Education
- The College Board
- The Council for Advancement and Support of Education
- The Council for Higher Education of the United Church of Christ
- The Council of Independent Colleges
- The Council on International Educational Exchange
- The Council of Undergraduate Research
- The Council of West Suburban Colleges
- The Federation of Independent Illinois Colleges and Universities
- The Forum on Education Abroad
- The Illinois Association for College Admission Counseling
- Institute of International Education
- NAFSA: Association of International Educators
- The National Academic Advising Association
- The National Association for College Admission Counseling
- The National Association of Independent Colleges and Universities

- The National Association of Student Personnel Administrators
- The National League for Nursing
- National Council for State Authorization Reciprocity Agreements (SARA)

**The Higher Learning Commission, 30 North LaSalle Street, Suite 2400, Chicago, IL 60602-2504; (800) 621-7440 or (312) 263-0456*
***The Commission on Collegiate Nursing Education, One DuPont Circle, NW, Suite 530, Washington, DC 20036, (292) 887-6791*

About Elmhurst

Traditional Programs

Elmhurst offers a full range of academic programs and services to approximately 2,800 traditional students. Courses for traditional students are offered during the day, with some sections occasionally available in the evening. A full-time faculty of approximately 160 is committed to teaching, scholarship and serving as advisors to students in planning coursework and exploring career choices.

Students at Elmhurst enjoy close collaboration with faculty in general introductory courses as well as in advanced courses. Our average class size is 18, and the student-faculty ratio is 14:1—one of the best in higher education. Academic life at the University is supported by a variety of extracurricular programs, including honor and recognition societies and music and theatre groups.

About Elmhurst

Graduate and Degree Completion Programs

Elmhurst provides educational opportunities for students at least 24 years of age and those who have completed their baccalaureate degree. These opportunities include completing a first degree, pursuing a second degree or pursuing a master's degree program.

Students may attend class during the day or in the evening in the Fall, January, Spring and Summer terms. Classes are offered on the Elmhurst University campus, as well as at select off-site locations and online.

Elmhurst offers degree completion programs for adults in psychology, business administration and information technology. Graduate programs include master's degrees and certificates in business, education, health care and technology. See Degree Completion Programs and Graduate Studies in this catalog for more information. For information about admission, please contact the Office of Admission.

Admission

Students may apply for admission to Elmhurst University to begin study in either the Fall Term or the Spring Term. Admission decisions are based on review of a student's academic record and supporting credentials, with emphasis given to the most recent or current educational experiences. Campus visit appointments with an admission counselor are strongly encouraged. All applicants are evaluated without regard to race, color, creed, national or ethnic origin, marital status, age, gender, sexual orientation or disability.

Elmhurst University is a member of the Illinois and National Associations for College Admission Counseling and subscribes its admission and financial aid programs to standards of practice and ethics endorsed by these organizations.

To schedule a campus visit or to learn more about the application process, please contact:

Office of Admission

190 Prospect Avenue
Elmhurst, Illinois 60126-3296
(630) 617-3400
elmhurst.edu/admission

admit@elmhurst.edu

Applications may be submitted electronically by visiting the University's website at elmhurst.edu/apply. First year students may also apply via the Common App.

Admission

First-Year

Qualified first-year applicants should show evidence of their ability to successfully complete college-level work, based on secondary school performance. Preference is given to students who have completed 16 academic units, by the conclusion of their junior year, including a minimum of:

- Three units of English
- Two units each of mathematics, laboratory science and social studies
- Seven additional units in these or other college-preparatory subjects

Study of a world language is strongly recommended, but not required for admission.

First-Year Applicants Should:

- Submit a completed application for admission

- Request that an official secondary-school transcript be forwarded to the Office of Admission. (An official final transcript including a graduation date is required prior to beginning enrollment and must be sent directly from the high school to Elmhurst University.)
- **If you are applying test-optional, submit your essay.** An essay is required in lieu of standardized test scores. You can upload your essay directly to your application portal or send it to transcripts4eu@elmhurst.edu
- **If you are not applying test-optional, submit your SAT® or ACT® scores.** Have the testing corporation send them directly to Elmhurst. Our SAT® code is 1204 and ACT® code is 1020. Scores listed on an official high school transcript are also acceptable. Copies, screenshots or PDFs of test scores can be uploaded to your application portal and will be accepted for the purpose of admission, but official test scores are required prior to enrollment.

International students should refer to additional requirements on the "International Students" subpage.

Admission Without a Secondary-School Diploma: Students who have not completed diploma requirements may submit the results of the General Education Development (GED) test in place of the secondary-school transcript.

Senior Option Program: Elmhurst University offers high-achieving secondary-school seniors the opportunity to enroll in one full course each term of their final year. Courses selected may fulfill remaining secondary-school graduation requirements or be applied toward a bachelor's degree at Elmhurst or elsewhere.

Students interested in this program should contact the Office of Admission for further information about application requirements and procedures. At the discretion of the University, secondary-school juniors may also be approved to take coursework as part of the Senior Option Program. Tuition for approved students is waived up to a limit of two credits (eight semester hours).

First-Year Seminar
All first-year students are required to enroll in First-Year Seminar (FYS 100) course for the first term. The course is designed to facilitate the first-year student's transition from high school to college. Built on the dual foundational components of a comprehensive understanding of the liberal arts and a specific academic topic, each section will have certain common themes, activities and assignments.

In addition, each of the FYS 100 courses examines a unique and specific academic topic, and is taught by a faculty member partnered with a professional staff member. The faculty member serves as your academic advisor when classes begin and you will then be paired with an EU staff member in your academic area of interest for the remainder of your time at Elmhurst.

The First-Year Seminar has two main learning objectives. First, it prepares students for the academic routine, structure and expectations of Elmhurst University through the examination of what it means to undertake a liberal arts education coupled with an in-depth study of a specific academic topic.

Secondly, it introduces students to the student experience at Elmhurst and the many curricular and co-curricular opportunities the University has to offer. In this way, students will be able to maximize their involvement in the institution and the wider community that encompasses it.

Special Requirements in Selected Majors

Students interested in majors in business and economics, communication sciences and disorders, education, music or nursing should refer to the specific department listing for additional admission requirements.

Admission

Transfer

Qualified transfer applicants must provide evidence of good standing at the last college or university they attended. Transfer applicants should:

- Submit a completed application for admission
- Request official transcripts from each college or university attended be forwarded to the Office of Admission at transcripts4eu@elmhurst.edu.
- Request an official final secondary-school transcript showing graduation date be forwarded directly from the high school to the Office of Admission at transcripts4eu@elmhurst.edu.
- Submit results from either the ACT or the SAT if the student has earned fewer than 12 semester hours of credit and has been out of secondary school for less than three years (scores included on official secondary-school transcripts are acceptable). A student may elect test- optional in which case an essay must be submitted.

Generally, transfer students begin at Elmhurst University without a loss of credit and can fulfill all academic requirements for their degrees within the usual time span. A credit evaluation of prior academic work is provided at the time of admission.

Please refer to the Regulations and Services section in this catalog for specific information about transfer credit policies, alternate sources of credit and academic residency requirements.

Special Requirements in Selected Majors

Students interested in majors in business and economics, communication sciences and disorders, education, music or nursing should refer to the specific department listing for additional admission requirements.

Admission

International Students

International students should follow regular admission procedures for new first-year or transfer students. In addition, international first-year applicants should submit both secondary-school academic records, including all grade reports (transcripts), and leaving/national examination certificates. These records must be in both the original language and certified English translation. The original language records must be official school records, sent directly to Elmhurst University by the school, and must bear the official stamp or seal of the school. Certified copies, sent by the school and bearing the stamp or seal of the school, are acceptable.

International transfer applicants should submit transcripts from all colleges or universities attended or currently attending. These records must be in both the original language and certified English translation. The records must be official school reports, sent directly to Elmhurst University by the school, and must bear the official stamp or seal of the school. Certified copies, sent by the school and bearing the stamp or seal of the school, are acceptable. A syllabus for each course taken may also be required for transfer credit to be awarded.

International students must also provide official course-by-course evaluations of their transcript(s). Official evaluations can be obtained through World Education Services at wes.org or Educational Credential Evaluators at ece.org. For a full listing of evaluation services, visit https://www.elmhurst.edu/admission/international-students/admission-requirements/transfer/

Proficiency in English must also be demonstrated by scoring a minimum of 79 on the Michigan English Language Assessment Battery (MELAB) or a 6.5 on the International English Language Testing System (IELTS). Additional options for English Proficiency are available online at elmhurst.edu/admission/international-students. Students not able to meet these required TOEFL scores should upgrade their English language proficiency at an ELS language center, where they must complete the certificate for ELS level 112. Additional options for proficiency fulfillment can be found on our website. Upon admission to the University, a student must show financial access to cover the entire cost of the first year of study before a Form I-20 will be issued. While international students may qualify for scholarships based on academic merit, need-based financial aid is not available.

Admission

Readmission

Students who are granted a leave of absence from the University are not required to apply for readmission if they return within 12 months. Please refer to the Leave of Absence policy in this catalog for detailed information. A student who withdraws from the University for one regular academic term or more must complete a reinstatement form. A degree-seeking student who has attended other colleges since the last Elmhurst enrollment must submit official transcripts from those colleges and be readmitted.

A student who has been dismissed from Elmhurst is not eligible to apply for readmission for one calendar year. A decision to offer readmission will depend on the quality of both academic and non-educational experiences since the time of dismissal. An admission interview is required.

Admission

The Enrollment Decision

All admitted students will receive complete information regarding the following within their admission packet or in subsequent communications to best provide the student and family with knowledge needed to make an educated enrollment decision. The Office of Admission may be contacted with any questions regarding this information.

- Letter of admission and scholarship
- Housing and Residence Life required deposits and application processes
- Important dates and deadlines including student orientation
- Medical history submission process and immunization requirements
- Next steps to enrollment including tuition deposit and advising date information

It is important to note that the admission file and accompanying materials for each enrolling student will become subject to provisions of the Family Rights and Privacy Act of 1972 (Buckley Amendment).

Financial Aid

Elmhurst University administers a wide variety of institutional, state and federal financial aid programs, including scholarships, grants, loans and student employment opportunities.

The University also offers several scholarships to students who have demonstrated outstanding academic achievement or have exhibited skill in a specialized area. Most financial aid, however, is awarded to students who demonstrate financial need. Simply stated, financial need is determined by evaluating the cost of attending Elmhurst University and the results of the student's FAFSA each year.

For most Elmhurst University scholarships and grants, students must be enrolled full-time and maintain Satisfactory Academic Progress.

To be eligible to receive federal financial aid, a student must meet the following criteria:

- Valid FAFSA
- U.S. citizen or an eligible noncitizen
- Enrolled or accepted for enrollment in an eligible degree or certificate program
- Enrolled at least half-time (for most federal aid)

- Maintain Satisfactory Academic Progress

To be eligible to receive aid from the State of Illinois, a student must meet the following criteria:

- U.S. citizen or eligible noncitizen or meet the criteria of the RISE Act
- Student or parent of student is a resident of the State of Illinois
- Enrolled in first bachelor's degree program
- Maintain Satisfactory Academic Progress
- Demonstrated financial need

Financial Aid

Apply for Financial Aid

Students will be automatically considered for Elmhurst University scholarships when they submit an application for admission. To apply for additional of institutional, state and federal financial aid, students must complete the following:

- **Apply for Admission:** Students must be admitted to the University before the Office of Student Financial Services completes the processing of their financial aid application.
- **Complete the Free Application for Federal Student Aid (FAFSA):** Elmhurst University will use FAFSA information to determine eligibility for federal, state and additional institutional aid. The FAFSA should be filed as soon as possible each year (typically available after October 1). The FAFSA can be filed online at **fafsa.gov**. Students and any contributors will need to have an FSA ID.
- **Provide additional information if required:** Additional documents, such as income tax transcripts, may be requested to support information provided on the FAFSA. When all required documents have been received by the Office of Student Financial Services, an update to the FAFSA may be required.
- **Review and accept financial aid:** Once a FAFSA is received and any required documentation is processed, all applicable financial aid will be awarded. Students will then be notified directly regarding their financial aid offer and may view and accept their aid on Self-Service through the portal.

Special Circumstances

The Office of Student Financial Services uses the FAFSA to determine eligibility for institutional, federal, and state financial aid. However, the FAFSA may not always provide an accurate representation of a family's current financial situation.

If a family's financial situation has changed, circumstances may be reviewed to determine if eligibility can be re-evaluated. Student Financial Services will make every effort to accommodate requests and will assist in outlining the next steps. Students are encouraged to contact Student Financial Services to discuss this process.

Recommended Application Dates

It is recommended that students complete the FAFSA each year by the suggested priority deadline of December 1 if an Illinois resident or January 1 if an out-of-state resident. Students must apply for financial aid each year. Every student who wishes to be considered for financial assistance must follow the steps described above for each year of enrollment at Elmhurst University.

Elmhurst University is not responsible for the availability of certain federal and state funds.

Financial Aid

Veterans Benefits

Elmhurst University certifies enrollment for military veterans who are eligible for benefits through the U.S. Department of Veterans Affairs and the Department of Defense. Contact the Office of Student Financial Services for information.

Elmhurst University offers priority enrollment to student veterans and military connected students. Registration assignments are sent via email prior to the start of registration.

For questions, please contact the Office of Registration and Records.

In accordance with Title 38 U.S. Code 3679(e), Elmhurst University adopts the following policy for any students using

U.S. Department of Veterans Affairs (VA) Post 9/11 G.I. Bill® (Ch. 33), Vocational Rehabilitation & Employment (Ch. 31), or Survivors' and Dependents' Educational Assistance (DEA) (Ch. 35) benefits. While payment is pending from the VA, Elmhurst University will NOT:

- Prevent the student's enrollment
- Assess a late fee to the student
- Require the student to secure alternative or additional funding
- Deny the student access to any resources (access to classes, libraries, or other institutional facilities) available to other students who have satisfied their tuition and fee bills to the institution

To qualify for this provision, students are required to:

- Produce the VA Certificate of Eligibility (COE) by the first day of class
- Submit the most recent DD214 of the veteran
- Complete a Veteran Benefit Enrollment Form

- Provide a written request to be certified
- Provide additional information needed to properly certify the enrollment as described in other institutional policies

G.I.Bill is a registered trademark of the U.S. Department of Veterans Affairs (VA). More information about education benefits offered by VA is available at the official U.S. government website at ***benefits.va.gov/gibill***

Financial Aid

Satisfactory Academic Progress

Federal and state regulations require that colleges establish and monitor the satisfactory academic progress of students enrolled in a program of study that leads to a degree or certificate. Failure to make satisfactory academic progress in the courses taken at Elmhurst University can result in a loss of eligibility for federal, state, and institutional financial aid.

Satisfactory progress is monitored in three ways: cumulative grade-point average, number of course credits completed compared to the number of course credits attempted (registered), and total academic credits.

- Students must maintain a cumulative grade-point average of 2.00.
- Students must complete (earn) 67% of the course credits for which they register, not including courses dropped within the first week of classes.
- Repeated withdrawals can lead to the loss of financial aid eligibility even for a student whose GPA is 2.00 or above.
- Students cannot have earned more than 150% of the academic credit necessary for graduation. This rule includes transfer credits.

Continued eligibility for financial aid is evaluated at the end of each term (Fall, Spring and Summer). If a student has not made satisfactory progress in his or her cumulative academic record at the completion of a term according to the standards noted above, financial aid will be placed on a warning for one term. Students who fail to meet satisfactory academic progress at the end of the warning term will normally be denied financial aid for the next term. Students may appeal suspension of aid decisions by writing the Financial Aid Appeals Committee after notice of lost eligibility. Approved appeals will restore financial aid eligibility and may include an academic plan developed to help the student successfully progress toward degree completion.

Financial Aid

Financial Aid Adjustments and Limits

Enrollment Level

A student's enrollment level may impact their eligibility for different financial aid programs. For most Elmhurst University scholarships and grants, students must be enrolled full-time and maintain Satisfactory Academic Progress. Federal and State aid programs have additional considerations.

- Students enrolled in less than 3.75 credits will have their State of Illinois MAP Grant reduced.
- Students enrolled less than full-time will have their Pell Grant reduced.
- Students must be enrolled at least half-time to be eligible for federal student loans.

Financial Aid Limits

Additionally, students may reach lifetime and/or annual limits of different aid programs. If a student is nearing or at the limit for a loan or grant, they will be reduced accordingly. For information related to annual or aggregate limits, students can visit studentaid.gov and isac.org.

A student's total financial assistance may not exceed their annual cost of attendance as determined by Elmhurst University. Similarly, a student's total need-based financial assistance may not exceed their financial need as determined by the FAFSA. A student may have their aid adjusted according to these limits.

In most cases, Elmhurst University aid may not exceed tuition charges and cannot be refunded. Financial aid earmarked for other direct costs will also be limited to those costs.

Withdrawal

When a student withdraws from the University or drops a course, charges will be assessed according to the length of the course and the number of calendar days into a term according to the following policies:

- Elmhurst University aid is adjusted at the same percentage rate as the tuition withdrawal schedule used by the Office of Student Financial Services.
- Academic Technology Fees are not adjusted after a semester begins.
- Typically, the State of Illinois Monetary Award (MAP) will remain at full value if the student has completed 10 days of attendance.
- Federal aid may be adjusted and returned based on the number of days that the student has been enrolled for the term. Unearned aid is calculated by taking the number of days attended as a percentage of the number of days in the term and then it will be removed from the student's account. Once the student has been enrolled and attending for 60% of the term, adjustments are no longer required.

Tuition and Fees

Comprehensive Tuition

Comprehensive tuition for all full-time students includes tuition for 3.00 credits (12 credit hours) to 4.75 credits (19 credit hours) each in the Fall and Spring terms. For purposes of tuition calculation, a full-time student is defined as a traditional undergraduate student (degree completion programs are not included) who is enrolled for a minimum of three credits (12 semester hours). Each January, students may register for a January Term course to explore an area of academic interest or fulfill either an Integrated Curriculum requirement or a requirement in their major field of study.

Traditional undergraduate students enrolled full-time (3.00 or more credit hours) in Fall and Spring Terms of the same academic year and charged for comprehensive tuition rates in those terms may take one January Term course at no additional cost (does not include Adult Evening/Online students). Traditional undergraduate students enrolled full-time in only Fall Term or only Spring Term will be charged a rate of half the price for the January Term course. Traditional undergraduate students without full-time enrollment in both the Fall and Spring Term will be charged the full price based on the per credit hour rate and the number of credit hours of the class taken for the January Term course. The January Term tuition charge is subject to change based on actual enrollment in the Fall or Spring Terms.

Summer tuition is charged independently each year at a per credit rate. Enrollment in Summer 2026 will be charged at $3,192 per 1.0 credit ($798 per 0.25 credit).

2025–2026 Tuition and Housing & Meal Plans

Traditional Undergraduate Tuition and Housing & Meal Plans

	Fall Term	Spring Term	Total
Full-Time Tuition (3.00 to 4.75 credits)	$21,992	$21,991	$43,983
Residence Hall Room	$3,524	$3,524	$7,048
Meal Plan: Fall and Spring Terms			
All Access	$3,656.10	$3,656.10	$7,312.20
17 Meals - Weekly	$2,761.50	$2,761.50	$5,523
12 Meals - Weekly	$2,088.45	$2,088.45	$4,176.90
Meal Plan: January Term			
40 Block			$703.50
25 Block			$403.50
Part-Time Tuition	$5,000 per course ($1,250 per 0.25 credit)		

All room charges are based on double occupancy. Single occupancy is offered at $5,080 per term. Air-conditioned rooms will have an additional charge per term.

The University offers all-you-care-to-eat meal plans including an all-access plan and plans with a set number of weekly meals. Meal plan options may be changed at the end of Fall Term. Each meal plan includes additional "dining dollars" which can be used like cash for a la carte purchases. Residence Hall students are required to participate in the meal plan program.

Elmhurst University reserves the right to change these rates effective at the beginning of any term.

Degree Completion

Degree completion programs (per credit hour)	$715

Deposits and Fees

Deposits

New undergraduate students are required to pay a one-time, non-refundable tuition deposit of $100. This deposit will be deducted from total tuition due.

Advanced Tuition Deposit	$100
Room Deposit (residents)	$150

Other Fees

Other fees may be assessed for services offered or for items required for participation in certain programs. These vary on the basis of the student's program or activities and include such things as health service medication and fees, and nursing students' malpractice insurance and uniforms. Fees are made known to the student by the department involved in the requirement or service.

Matriculation Fee: New full-time first-year students	$275
Matriculation Fee: New undergraduate transfer students	$125
Student Fee (all students; per term)	$300
Parking (residents, per term)	$125
Parking (commuters, per term)	$75
Residential Network Fee (residents, per term)	$100
Payment plan late payment fee	$90
Service Charge	1% per month on the unpaid balance
Transcript of academic record mailed by the National Student Clearinghouse	$12
Transcript of academic record sent electronically by the National Student Clearinghouse	$10.25
Graduation Fee	$80
Nursing Fee (3rd- & 4th-year students, per term)	$550
Applied Music Fee	Varies (based on major and number of lessons)

Tuition, Housing, & Meal Plans

Payments & Refunds

Payment Options

Students are required to either pay their balance in full by the initial due date of the term (the 15th of the month prior to the start of the term) or enroll in one of the following payment plans. There is no cost to enroll and no monthly service fee.

Auto-Pay Plan: Set up five monthly automatic payments from a checking or savings account.

Non-Auto-Pay Plan: Make five monthly payments in one of the following ways:

- By check through the mail or in person at the Office of Student Financial Services
- With an online bank transfer through TouchNet Connect
- With a credit card through TouchNet Connect (a user fee of 3% is charged by the third-party processor on all credit card transactions)
- Cash payments can be made in-person at the Office of Student Financial Services during business hours

A $90 late fee is assessed for late payments on payment plans. Installments are subject to change based on updates to charges. Accounts not enrolled in a payment plan and not paid in full will be charged a 1% service fee each month. Payment plans are not available for the distance nursing programs.

Accounts that are not enrolled in a payment plan and have a balance may be placed on a business hold during open registration times (November and April) and the student will not be able to register until the account is in good standing.

Payments returned due to insufficient funds will be assessed a $30 NSF fee.

Outside Billing

When students have access to a tuition benefit plan through their employer or other agency that will pay the tuition directly to Elmhurst University, service charges relating to the payment will be waived provided the payment is received within six weeks of the end of the term. In order to participate in this program, the student must submit an official letter of authorization or tuition voucher to the Office of Student Financial Services prior to the start of each term. The Office of Student Financial Services will bill the employer or other funding agency directly for the authorized amount. Elmhurst University reserves the right to qualify the plan or reject applications that lack the appropriate authorization.

Tuition Reimbursement Plan

Some employers offer direct reimbursement of tuition to their employees upon the successful completion of the term. Students eligible for tuition reimbursement from their employer may elect to participate in our Tuition Reimbursement Plan. Under this plan, payment of tuition covered by an employer will be deferred until six weeks after the end of the term. Students will be required to enroll in this program on a per-term basis. To enroll, students will be required to pay a $25.00 fee per term upon request for enrollment in the program, as well as provide a letter from their employer indicating that they are eligible for this benefit. The letter must be received by the Office of Student Financial Services prior to the start of each term, must outline the amount of reimbursement the student is eligible for in that specific term, and must be on the employer's letterhead.

Payment and Records

Accounts not paid in full at the beginning of a term or enrolled in a payment plan may be placed on a business hold, preventing registration for future semesters. Additionally, official transcripts (in certain conditions) as well as diplomas will not be released by the University.

Statements

The official University method of communication with current and former students is email sent to students' EU email addresses. Electronic billing is the official method for billing all current and former students with outstanding account balances. Account statements are updated monthly.

Current and former students are notified via Elmhurst University email when statements are available for viewing. Electronic statements can be viewed by clicking the TouchNet icon on the EU student portal. Failure to view the account statement online does not constitute a valid reason for not paying a bill by the payment deadline.

Reductions in Charges

Reductions in tuition and/or room and board charges will be made when withdrawal from the University is necessitated by circumstances that, in the opinion of the University administration, are beyond the control of, or in the best interest of, the student. The effective date of withdrawal from the University is established by the Offices of Registration and Records and Student Financial Services for all full- and part-time students. See the Regulations and Services section in this catalog for information about withdrawal from the University.

Payment of outstanding balances upon withdrawal is due in accordance with the University's normal payment terms.

The effective date for withdrawal from individual courses is the date the request for a withdrawal is presented to the Office of Registration and Records. Adult Evening/Online students may withdraw from coursework by contacting the Office of Registration and Records in person or by email. See the Regulations and Services section of this catalog for withdrawal procedures.

Withdrawals

It is the student's responsibility to cancel registration by dropping all courses before classes begin if the student does not wish to attend Elmhurst University. Failure to pay fees, failure to receive financial aid, failure to attend class, or refusing financial aid does not constitute an official withdrawal. Enrollment will not be automatically cancelled for failure to pay tuition and fees. Failing grades will be assigned to classes which a student is registered but does not attend.

When a student withdraws from the University or drops a course, charges will be computed according to the length of the course and number of calendar days into a term the drop/withdrawal takes place. The effective date of withdrawal from individual courses is the date the request for a withdrawal is presented to the Office of Registrations and Records. Withdrawal from Elmhurst University after the start of the semester may subject the student to tuition and fee liability in accordance with the University's refund policy. Students are encouraged to discuss the financial implications of their withdrawal with the Office of Student Financial Services before making the decision to withdraw.

Withdrawal charges are calculated on the following basis:

Fall and Spring Terms (Semester Courses)

	Semester	**8-Week Program**
	Tuition Refunds/Withdrawal Charges:	**Tuition Refunds/Withdrawal Charges:**
Per course up to end of first week	$20 charge	Per course Days 1-4
Second week of the term	85% refund	Days 5-7
Third week of the term	70% refund	Days 8-11
Fourth week of the term	50% refund	Days 12-14
Fifth week of the term	30% refund	Days 15-18
Sixth week and beyond	$0 refund	Days 19 and beyond

January and Summer Terms: Varies by course. Please contact the Office of Student Financial Services for more information.

All other fees are nonrefundable. These policies may be updated upon release of new governmental guidelines.

Credit Balances/Refunds

Refunds will be processed for students with credit balances created by Title IV funds (federal) within 14 days after the beginning of a term. All other refund requests will be processed after the drop/add period, generally the fifth week of the term. Special circumstances may justify partial refunds prior to the stated time period. Changes that occur to accounts after refunds may result in balances due to Elmhurst University. Students are required to pay any outstanding balances by the payment due date even if they received a refund.

Adjustment of Financial Aid When Students Withdraw

When a student withdraws from the University or drops a course, charges will be assessed according to the length of the course and the number of calendar days into a term according to the following policies:

- Elmhurst University aid is adjusted at the same percentage rate as the tuition withdrawal schedule used by the Office of Student Financial Services.
- Academic Technology Fees are not adjusted after a semester begins.
- Typically, the State of Illinois Monetary Award (MAP) will remain at full value if the student has completed 10 days of attendance.

- Federal aid may be adjusted and returned based on the number of days that the student has been enrolled for the term. Unearned aid is calculated by taking the number of days attended as a percentage of the number of days in the term and then it will be removed from the student's account. Once the student has been enrolled and attending for 60% of the term, adjustments are no longer required.

Tuition, Housing, & Meal Plans

Statement of Financial Responsibility

By registering for courses at Elmhurst University, you hereby acknowledge that you are entering into a contractual arrangement with Elmhurst University, whereby you agree to comply with all laws, rules and regulations applicable to your registration, payment of fees, enrollment and attendance. Included in the rules and regulations that comprise the terms and conditions of this contract are those contained in this document and the Elmhurst University Catalog, eBook and Academic Calendars that are in effect during the years of your enrollment. All students are responsible for reviewing, understanding and abiding by the University's regulations, procedures, requirements and deadlines as described in official University publications. You further understand and agree that your registration and acceptance of these terms constitute a promissory note agreement (i.e., a financial obligation in the form of an educational loan as defined by the U.S. Bankruptcy Code at 11 U.S.C. §523(a)(8)) in which Elmhurst University is providing you educational services, deferring some or all of your payment obligations for those services, and you promise to pay for all assessed tuition, fees and other associated costs by the published or assigned due date.

If you need more information on your financial responsibilities, contact the Office of Student Financial Services.

Office of the Registrar Calendar Notes

Adding/Dropping Course Notes

Last Day to add and/or drop a course without a "W" : Course will not appear on student's transcript.

Last Day to drop a course with a "W" : Course will appear on student's transcript with a "W" grade.

Change grading preference : A-F letter grade, Pass/No Pass, or Audit (Satisfactory/Unsatisfactory for some Graduate-level courses)

All add/drop requests must be submitted by 11:59 PM on the official add/drop date (Requests must be time stamped and contain your name, eNumber and the course(s) you wish to add/drop).

The system will not allow you to drop course(s) yourself online through Self-Service past 11:59 PM Sunday night AND/OR if you have any HOLDS on your account.

Requests to change grading preference must be submitted through the portal or emailed to regrec@elmhurst.edu

Add/drop or change grading preference request link: https://elmhurst.teamdynamix.com/TDClient/1779/Portal/Requests/ServiceDet?ID=42867

Registration Notes

Registration Time Assignments Emailed to Students : Time assignments are randomly assigned by the student's class level. Class level is based on the number of credits completed at EU, not including the current term. All students (including graduating seniors) receive a time assignment. If you are graduating after the current semester, please disregard your time assignment.

Current Student Registration Starts : Registration will open first for Graduate, Senior, Junior, and Sophomore status and then Freshman the following week based on time assignments.

Final Exam Notes

Final exams for courses that are not full-term are determined by the instructor of the course.

Degree Posting Notes

Degrees will not be posted until all final grades for the current term have been submitted.

Degrees will be posted with the term end date.

Portal Requests: https://elmhurst.teamdynamix.com/TDClient/1779/Portal/Requests/ServiceCatalog?CategoryID=10681

Earning an Elmhurst University Degree

Elmhurst University awards the Bachelor of Arts, Bachelor of Fine Arts, Bachelor of Science, Bachelor of Science in Nursing, Bachelor of Music and Bachelor of Liberal Studies degrees.

The University also offers 18 graduate programs at the master's degree level. Please refer to the Graduate Study section of this catalog.

Undergraduate credit at Elmhurst University is awarded in credit units. One unit of credit is equivalent to four semester hours or six quarter hours of transfer credit. All undergraduate courses described in this catalog result in one unit of credit, unless designated otherwise.

Students earn one degree, although they may have up to three majors.

Bachelor of Arts

Students seeking to earn the Bachelor of Arts must complete all Integrated Curriculum, major and minor courses for a letter grade and fulfill all elective course requirements as outlined here and in the Majors and Academic Programs section of this catalog.

Bachelor of Fine Arts

Students seeking to earn the Bachelor of Fine Arts in the Department of Art must complete all Integrated Curriculum, major and minor courses for a letter grade and fulfill all elective course requirements as outlined here and in the Majors and Academic Programs section of this catalog. Additionally, they must complete two areas of concentration consisting of eight studio courses at the 300 or 400 level. Areas of concentration are determined by the Department of Art.

Bachelor of Science

Students seeking to earn the Bachelor of Science must complete all Integrated Curriculum, major and minor courses for a letter grade and fulfill all elective course requirements as outlined here and in the Majors and Academic Programs section of this catalog. Additionally, students must complete two college-level mathematics courses. *Note: PSY 355 may count as one of the two. Please see individual program pages for exceptions.*

Bachelor of Science in Nursing (BSN)

The BSN is a professional program that prepares students for practice as a generalist as a registered professional nurse (RN). The BSN is the foundation upon which advanced education and practice are based. The baccalaureate nursing program is approved by the Illinois Department of Financial and Professional Regulation.

Bachelor of Music

Students seeking to earn the Bachelor of Music must complete all Integrated Curriculum, major and minor courses for a letter grade and fulfill all elective course requirements as outlined here and in the Majors and Academic Programs section of this Catalog. Additionally, they must complete at least 16 units of credit (64 semester hours) in music. Specific courses are determined by the Department of Music.

Bachelor of Liberal Studies

Students seeking to earn the Bachelor of Liberal Studies must complete all Integrated Curriculum and program requirements as outlined in the Integrated Curriculum section of this catalog. Students seeking this degree complete 8 to 12 credits (32 to 48 semester hours) for letter grades in two areas of concentration, rather than completing a traditional major (See Liberal Studies section for details).

Course Numbering System

COURSE NUMBERING SYSTEM	
LEVEL	COURSE NUMBER
Freshman/Sophomore	100-299
Junior/Senior	300-499
Graduate	500-699
Doctoral	700-899

Major and Minor Areas of Study

Majors

Students must complete the requirements for a major field of study. The major may be chosen from among the various departmental majors or interdisciplinary majors. The major consists of not fewer than seven units of credit (28 semester hours) within one department or area of study, plus any required courses in other departments. **Courses taken for the major must be completed with a letter grade where that grading option exists.** Students must take and successfully complete at Elmhurst University at least half of the total units of credit required within their major field of study. Students may declare a maximum of three majors while pursuing a degree. Exact requirements for individual majors are determined by the departments. Students should consult with their advisors to determine the application of such requirements to their programs of study. The director of secondary education should be consulted by all students planning to teach in secondary education.

Students are expected to declare their major field of study prior to completion of the sophomore year. To declare a major, change a major or declare an optional minor or additional major, students must submit the Office of Advising's Undergraduate Change form (see https://www.elmhurst.edu/academics/advising/forms-resources/) to establish an accurate student record.

Minors

Although the University does not require a minor field of study, students may select a maximum of three minors while pursuing a degree. Requirements for minors are listed in the departmental descriptions of this catalog. One-half of the units of credit required for the minor must be taken at Elmhurst University. Courses taken for the minor must be completed with a letter grade.

Course Requirement Overlap Policy:

At least one-half of the units of course credit required for a major or minor may not be counted toward any other major or minor.

Earning an Elmhurst University Degree

Degree Requirements

Minimum Number of Courses

Elmhurst University requires a minimum of 32 units of credit (128 semester hours) for graduation.

Junior/Senior-Level Courses

A minimum of 10 units of course credit (40 semester hours) numbered 300 and above must be completed at four-year institutions, preferably taken during the junior and senior years. Community college coursework will not count toward fulfilling this requirement.

Residency

Residency refers to the minimum number of total required course credit hours taken at Elmhurst University, or through Elmhurst-sponsored study away programs. Students can fulfill the resident requirements in one of two ways: 1) by earning at least 18 units (72 semester hours) including eight of the final ten courses at Elmhurst University; or 2) by earning a minimum of 14.5 units (58 semester hours) which must include the final eight courses (32 semester hours) at Elmhurst University.

Minimum Grade-Point Average

Students must have a minimum cumulative and combined grade-point average (GPA) of 2.00 (C) to graduate. In certain departments, a higher GPA is required for program entrance, as well as for graduation. The cumulative GPA is computed from grades received in courses taken at Elmhurst University. The combined GPA is compiled from all courses accepted in transfer as well as those taken at Elmhurst University. All courses attempted for regular grading (A-F) are counted in calculating this overall grade-point average. Students are not allowed to repeat courses at other institutions. When a course is repeated at Elmhurst University, the earlier grade of the course is not included in the grade-point average. Refer to the Regulations and Services section of this catalog for additional information. Marks of P, NP, AU and W are not included in the calculation of the grade-point average. Incompletes must be resolved prior to graduation.

Credit Hour Policy

Each semester hour assigned to a course at Elmhurst University corresponds to a minimum of 50 minutes of instructional time each week over a 15-week semester, including finals week. Students are expected to do two to three hours of outside work (including assignments or studying) for every one semester hour of in-class time. For courses that are in an alternative delivery format, a semester hour corresponds to the appropriate mix of instructional contact, directed activities, and student work that equates to the sum of the in-class and outside time for a semester hour in a traditional course*. For both traditional and alternative delivery courses, these expectations should be outlined in the course syllabus.

**Academic activities complementary to classroom instruction including laboratory work, studio work, practica and internships are not considered in the calculation of semester hours in class and are thus not included in the expectation of additional out of class time.*

Earning an Elmhurst University Degree

Second Degrees

The University awards a second bachelor's degree to students who have previously earned a degree with a major in another field. Candidates for a second degree must complete the requirements for the new major and for residency, including a minimum of eight units of credit (32 semester hours) at Elmhurst University. Bachelor's degrees from foreign universities will be evaluated on an individual basis. Second-degree students begin their coursework with a grade-point average of 0.00. Please note: no honors distinction is recognized for second degrees.

Earning an Elmhurst University Degree

Returning Students

Students returning to the University more than five calendar years after last attendance will be expected to satisfy the requirements for graduation of the catalog in effect at the time of readmission. Where possible, students returning to the University in less than five years may satisfy the requirements for graduation stated in the catalog in effect when they were first admitted.

Earning an Elmhurst University Degree

Accelerated Degree Programs

Elmhurst University offers a limited number of accelerated degree programs. The *minimum* semester hours federally-required for the bachelor's degree is 120 (or 30 Elmhurst credits). For a bachelor's degree alone, Elmhurst currently requires 128 semester hours (32 course credits). When the number of credits at the undergraduate level is reduced from the federally-required minimum 120 semester hours (30 credits) for a bachelor's degree in a 3+ accelerated program, a corresponding increase is required for the minimum semester hours at the master's level (30 semester hours) or at the doctoral level (60 semester hours, i.e., 90 semester hours beyond the undergraduate level). In other words, any 3+ program in which the required semester hours are reduced at the undergraduate level must still total at least 150 semester hours for the bachelor's plus master's degree, or 210 semester hours for the bachelor's plus doctoral degree.

All Elmhurst Integrated Curriculum requirements must be satisfied prior to beginning any professional program at a partner school. The bachelor's degree is awarded after successful completion of the first year of the professional program so long as the Elmhurst University 32-credit minimum has been met. The college offers the following 3+ accelerated programs in conjunction with partner schools:

Professional School	Program/Degree
National University of Health Sciences	Chiropractic Medicine/DC
Northwestern Health Sciences University	Chiropractic Medicine/DC
Roosevelt University	Pharmacy/PharmD
Rush University	Respiratory Care/MS
University of Illinois, Urbana-Champaign	Veterinary Medicine/DVM

Graduate Studies

Elmhurst University offers more than 20 graduate-level degree and certificate programs in a variety of formats, including online, on campus, hybrid and EU Flex. Graduate students at Elmhurst learn the cross-disciplinary skills they need to reach the next level. In partnership with faculty who are accomplished scholars and practitioners, students develop fresh solutions to real-world challenges, practice their skills in hands-on projects, and learn to lead in a collaborative world.

Doctoral Programs

- Doctor of Nursing Practice (DNP)

Master's Degree Programs

- Business Administration (MBA)
- Communication Sciences and Disorders (M.S.)
- Computer Information Technology (M.S.)
- Data Science and Analytics (M.S.)
- Distance Master's Entry in Nursing Practice (MSN)
- Industrial/Organizational Psychology (M.A.)
- Master's Entry in Nursing Practice (MSN)
- Nursing (MSN)
- Occupational Therapy (MOT)
- Project Management (MPM)
- Public Health (MPH)
- Special Education (M.S.Ed.)
- Supply Chain Management (M.S.)
- Teacher Leadership (M.Ed.)

Certificate Programs

- Application Development
- Data Science
- Enterprise Optimization
- Executive Coaching
- Marketing and Consumer Insight
- Network Administration
- Project Management

Endorsement Programs

- ESL and Bilingual
- Special Education (LBS1)
- Teacher Leader

The Cohort Model

Some Elmhurst University graduate programs are based on the cohort, or team-focused, model, in which students go through the program together, as members of a cohort group, from the initial term of enrollment to graduation. In this model, students not only complete a master's degree, but also develop team and leadership skills in a supportive community.

The remaining programs are offered in different formats, including on campus, online or in a flexible format. Students consult with the program director each term prior to registration for classes.

Admission to Graduate Study

Graduate programs at Elmhurst University are offered at the doctoral and master's level. The University offers a Doctor of Nursing Practice (DNP). Candidates for admission to the DNP program are expected to have been academically successful at the undergraduate and master's level and are well-prepared to pursue a professional doctorate. Please see the admissions requirements for the DNP program in the program-specific section of this catalog. It is expected that candidates for admission to master's level graduate study at the University were academically successful at the undergraduate level and are now ready to move on to a successful graduate-level experience. Applicants will be reviewed on the basis of profile material submitted. Admission to graduate study will be offered to those students whose profiles reflect the most promise for success at the graduate level and the ability to contribute to, as well as learn from, graduate study.

Graduate admission is housed in the Office of Admission, where dedicated staff serve the specific needs of prospective graduate students.

To request an application package for admission to graduate study, please contact:

Office of Admission, Elmhurst University, 190 Prospect Avenue, Elmhurst, Illinois 60126-3296

(630) 617-3400, admit@elmhurst.edu

Applications may also be submitted online at elmhurst.edu/apply.

Application materials for the following programs are processed by a centralized application service and should not be submitted to the Office of Admission:

- Master of Science in Communication Sciences and Disorders
- Master of Occupational Therapy
- Master's Entry in Nursing Practice
- Distance Master's Entry in Nursing Practice

Review the specific program pages for information about applying to these programs.

Qualified applicants for graduate study must provide evidence of good standing at the college or university from which they earned the undergraduate degree.

To apply for graduate admission, please follow these steps:

- Complete the Application for Admission to Graduate Study.
- Submit recommendations from three references who can comment on the quality of your oral and written communication skills and your ability to be successful in graduate study.
- Submit a 1,000-word Statement of Purpose describing personal and professional goals that will be met by the completion of a graduate degree. Applicants to the Master of Business Administration (MBA) program must respond to a specific question directly related to their field of study and prepare a business writing analysis in response to a specific business scenario. The questions and business scenario are presented on the MBA program sheet and the Application for Admission to Graduate Study, both of which are available from the Office of Admission.
- Submit a current résumé.
- Submit official transcripts from all undergraduate and graduate institutions attended.
- Individual graduate programs may have additional application requirements. Refer to the specific program sheet for additional information.
- International students must submit official transcripts (in English) with an official evaluation of those transcripts by a foreign credentials evaluation agency and proof of English proficiency as evidenced by a minimum score of 550 on the paper-based TOEFL (Test of English as a Foreign Language), 213 on the computer-based test or 79 on the Internet-based test. Students may also show English proficiency by scoring a 6.5 on the International English Language Testing System (IELTS), a score of 22 on both the English and Reading subsections of the ACT, a score of 520 on the Evidence Based Reading and Writing Portion of the SAT or a score of 110 on the Duolingo English Test. Evaluation agencies include:
    - Educational Perspectives (edperspective.org)
    - World Educational Services (wes.org)
    - Educational Credential Evaluators is an alternative evaluation agency (ece.org)
    - Foreign Credential Service of America
    - International Credential Evaluations (Incred)
    - International Education Research Foundation (IERF)
    - Scholaro
    - Spantran

Transfer of Graduate Credit

In some cases, previously earned graduate coursework may transfer to Elmhurst and may satisfy requirements for an Elmhurst master's degree. A maximum of two courses or six semester hours of credit may transfer with the approval of the program director.

Waivers and Substitutions

The program director will determine waivers and substitutions for undergraduate prerequisite courses. Any deviation from the required course of study as described in the Elmhurst University catalog must be approved by the program director.

Waiting List Policy

Conditional admission requires an applicant to meet one or more conditions before beginning graduate study at Elmhurst University, as outlined in the admission letter. These conditions may include but are not limited to:

- An applicant is in the final year of undergraduate studies and thus cannot produce official transcripts indicating completion of baccalaureate degree.
- One or more program-specific prerequisites, including academic courses, have not been satisfied.
- Official test scores are pending.

Upon review by the appropriate program director, if the applicant successfully satisfies required conditions for admission, the applicant will be granted regular admission. If conditions have not been met, the applicant will be denied admission to graduate study but may reapply to the University at a future date.

Contract Admission to Graduate Study

An applicant granted contract admission to graduate study at Elmhurst University is allowed to begin graduate studies. However, one or more conditions must be satisfied during a specified time of attendance. These may include but are not limited to:

- Earning a specific letter grade(s) in a specific course(s)
- Achieving a specified GPA in graduate coursework
- Submitting official transcripts from an institution(s) or an official foreign credit evaluation
- Submitting official proof of English language proficiently as demonstrated through a TOEFL or IELTS examination score
- For students seeking readmission to graduate study, a specific course may be required to be retaken to earn a specific grade

The appropriate faculty program director will monitor the student's progress toward satisfying conditions set forth in the contract admission letter for the specified timeframe. If the student has not successfully met the conditions of the admission contract, the student will be withdrawn from graduate study. Students may seek readmission to the graduate program by reapplying to the University at a future date.

Non-Degree Admission to Graduate Study

Several graduate programs offer non-degree-seeking status to students who wish to enroll in one or more graduate courses without seeking a master's degree. To apply, submit to the Admission Office an application for admission to graduate study, a current résumé and documentation that the bachelor's degree was earned. The program director may choose to speak with the student by phone or in person before making the admission decision.

Non-degree-seeking students will be permitted to register for graduate courses on a space-available basis. The non-degree seeking graduate student will register at the discretion and with the advice of the program director.

Non-degree-seeking students may apply for degree-seeking status at any time by completing the formal application process. Programs vary regarding the amount of non-degree credit that may be applied toward the master's degree and the time limit to complete the master's degree. It is the responsibility of the student to discuss these limitations with the program director and to establish an appropriate academic plan.

Tuition

Tuition for graduate study for the 2025–2026 academic year is based on the program in which the student is enrolled and the number of semester hours required for that program.

FULL-TIME GRADUATE PROGRAMS	
Communication Sciences & Disorders	$35,000/year
Master's Entry in Nursing Practice	$32,500/year
Distance Master's Entry in Nursing Practice (Online)	$12,000/semester
Occupational Therapy	$34,500/year

DOCTORAL DEGREES	PER SEMESTER HOUR
Doctoral of Nursing Practice	$950

PART-TIME GRADUATE PROGRAMS	PER SEMESTER HOUR
Computer Information Technology	$920
Data Science and Analytics	$920
Industrial/Organizational Psychology	$920
MBA	$920
Nursing	$920
Project Management	$920
Public Health	$920
Special Education	$540
Supply Chain Management	$920
Teacher Leadership	$540

GRADUATE CERTIFICATE PROGRAMS	PER SEMESTER HOUR
Application Development	$920
Data Science	$920
Enterprise Optimization	$920
ESL and Bilingual Endorsement	$540
Executive Coaching	$670
Innovation and Entrepreneurship	$920
Marketing and Consumer Insight	$920
Network Administration	$920
Project Management	$920
Special Education Endorsement	$540
Teacher Leadership Endorsement	$540

FEES	PER TERM
Academic Technology Fee	$300

Students are required to either pay their balance in full by the initial due date for a term (the 15th of the month prior to the start of term), or enroll in one of the following payment plans:

Auto-Pay Plan Set up five automatic monthly payments from your checking or savings account. No cost to enroll and no monthly service fees.

Non-Auto Pay Plan Make five monthly payments in one of the following ways:

- By check through the mail or in person at the Office of Student Financial Services
- With an online bank transfer through TouchNet Connect
- Online with a credit card through TouchNet Connect (a user fee of 2.95% with a minimum fee of $3.00 is charged by the third-party processor on all credit card transactions)

No cost to enroll and no monthly service fees.

Payments are due on the 15th of each month. A $90 late fee is charged for payments not received on time. Accounts not enrolled on a payment plan and not paid in full will be charged a 1% service fee each month. Payments returned due to insufficient funds will be assessed a $30 NSF fee.

Outside Billing

When a student's employer or other agency, under its tuition benefit plan, authorizes a billing and will pay the tuition directly to Elmhurst University, service charges relating to the payment will be waived or removed provided the payment is received within six weeks of the beginning of the term.

In order to participate in this program, the student must submit an official letter of authorization or tuition voucher to the Office of Student Financial Services prior to or with registration. The Office of Student Financial Services bills the employer or other funding agency directly.

Elmhurst University reserves the right to qualify the plan or reject applications that lack the appropriate authorization. Information regarding this payment alternative can be obtained from the Office of Student Financial Services.

Tuition Reimbursement Plan

Some employers offer direct reimbursement of tuition to their employees upon the successful completion of the term. Students eligible for tuition reimbursement from their employer may elect to participate in our Tuition Reimbursement Plan. Under this plan, payment of tuition covered by an employer will be deferred until six weeks after the end of the term. Students will be required to enroll in this program on a per-term basis.

To enroll, students will be required to pay a $25.00 fee per term upon request for enrollment in the program, as well as provide a letter from their employer indicating that they are eligible for this benefit. The letter must be received by the Office of Student Financial Services prior to the start of each term, outline the amount of reimbursement the student is eligible for in that specific term, and be on the employer's letterhead.

Financial Aid

Graduate students may be considered for a merit-based graduate fellowship or scholarship after being admitted into a graduate program.

Additional financial assistance may be available to students who complete the Free Application for Federal Student Aid (FAFSA) at www.studentaid.gov (school code 001676). Submitted FAFSA applications will be considered for the need-based Elmhurst Graduate Award and federal student loans. A graduate student enrolled in at least six credit hours per semester is eligible to receive up to $20,500 in federal unsubsidized student loans.

Students enrolled in any of the four full-time comprehensive programs (Master of Science in Communication Sciences and Disorders, Master of Occupational Therapy and Master of Science in Nursing: Master's Entry in Nursing Practice, Distance Master's Entry in Nursing Practice) are also eligible to apply for Graduate Plus Loans that will allow students to borrow an amount above and beyond the $20,500 available to students in the part-time graduate programs.

Graduate Study Policy Statements

Academic Good Standing

The University designates graduate students in good standing if they make satisfactory progress toward the completion of program requirements. To be in good standing, graduate students must:

- Complete all courses with a grade of C or better
- Earn no more than one C or C+ grade
- Complete additional requirements as outlined by the specific program

A second C or C+ grade, a C- grade, a D grade or an F grade will result in dismissal from the graduate program and the University. The program director will notify the student, in writing, of the dismissal decision.

The academic good standing policy for the Computer Information Technology program is significantly different. Students in this program should refer to the specific program sections of this catalog.

Note: each student must maintain academic good standing in their respective program as defined by the graduate program. In all cases, individual program policies concerning academic good standing take precedence. It is the student's responsibility to know the policies of their program.

Reinstatement

Reinstatement requests must be submitted in writing to the student's Graduate Program Director. Requests should be made, at a minimum, 30 business days prior to the start of the semester. Start date will be dependent on space availability or program cycle, i.e. when the next cohort is starting or when courses are offered. The decision to reinstate occurs at the discretion of the Graduate Program, in consultation with the Dean, School of Graduate Studies as well as other offices on campus. Graduate Programs may have their own internal review procedures to evaluate reinstatement. A Graduate Program may ask for additional information from the student to support the reinstatement request. A Graduate Program may deny the request for reinstatement and require the student to reapply to the Graduate Program (fees may apply). The final decision on reinstatement will be sent in writing to the student by the Graduate Program Director, no later than 30 business days from the initial request for reinstatement.

In some instances, the curricular requirements of the Graduate Program may change between the time a student was last enrolled and when the student is reinstated. In such cases, the student will follow the most recent catalog requirements.

All current Elmhurst University and School of Graduate Studies policies apply to reinstated students at the time of reinstatement.

International students should consult the Office of Global Engagement to verify ability to initiate the visa process in time to meet any future registration deadlines if a decision to reinstate is made.

Individual graduate programs may have a program-specific policy that supersedes the University policy described above.

Appeals Process for Graduate Program Dismissal

Students who fail to meet the Academic Good Standings policy requirements for their program and are dismissed from their graduate program/University may appeal their dismissal by submitting a request in writing to Dean, School of Graduate Studies. The student should submit their request for appeal within 5 business days of being dismissed. The request narrative should include evidence to support the student's appeal. Supporting documentation may be submitted along with the narrative. The Dean will consult with the Graduate Program Director and make the decision jointly whether the student may be reinstated, or the dismissal stands. The Dean will reply to the student within 3 business days of receiving the appeal with a decision. The decision of the Dean is final.

Individual graduate programs may have a program-specific policy that supersedes the University policy described above.

Disputed Final Course Grades

The normal presumption in the administration of grades at Elmhurst University is that the instructor alone is qualified to evaluate the academic work of students in their courses and to assign grades to that work. For this reason, questions regarding an instructor's assessment of the quality of academic work are not normally subject to review. However, when a student believes that a grade was assigned in a manner that was arbitrary or inappropriate in the Elmhurst University academic setting, or that crucial evidence was not considered, the student shall follow the procedures outlined below.

A grade dispute must be brought in writing to the instructor, by the end of the fifth week following the term in which the disputed grade was given. It is the responsibility of the student to initiate the process even if this must be done initially in writing rather than in person.

Establishing a Claim for a Disputed Grade Grievance and Organization of the Hearing Board:

- When a final course grade is disputed, the student and the instructor should meet to discuss the matter and seek an appropriate resolution. If the disputed grade is not resolved, the student may forward the matter to the chair of the department of the instructor and/or the program director. If the attempt to settle the issue fails at this level, it moves to the Office of Academic Affairs.
- The student should submit a document indicating the student's position and the rationale for the claim. The student must also provide whatever documentation is needed to support the claim. The instructor may do the same. The Vice President for Academic Affairs (VPAA) or their delegate meets with both the instructor and the student and confers with the chair of the department or the program director. If after this investigation and review the VPAA or their delegate finds merit in the appeal, they may initiate next level of action on the dispute, otherwise they will inform the student that the disputed grade will remain as reported.
- *The next level of action is the convening of a Hearing Board, which will consist of the Vice President for Academic Affairs or their delegate, who shall chair the board; the Vice President for Student Affairs or their delegate; two faculty members; and two students selected in consultation with the chair of the Academic Standings Committee. The parties directly involved may have one silent advisor present. The Chair shall designate a secretary or invite an administrative assistant who is responsible for recording the salient issues and the actions of the Hearing Board.
- The parties involved will be asked to submit written arguments to be circulated among members of the Hearing Board. It is expected that the parties in disagreement appear before the Board, but the hearing will proceed despite a failure to appear. When all presentations are complete, the Board, in executive session, shall reach a resolution of the problem.
- If the Hearing Board finds that a grade has been assigned in a manner that was inconsistent with policies stated in the syllabus, or inappropriate in the Elmhurst University academic setting, or that critical evidence was disregarded, the Hearing Board may direct the Registrar to change the grade to one the Board deems appropriate as dictated by the documented and objective evidence provided. The decision shall be represented in writing to the involved parties and others who need to know the results of the hearing. The chair shall maintain a file of relevant material for a period of at least two years.
- The decisions of the Hearing Board shall be final.

Incomplete Grades

An Incomplete (I) may be given to a student who demonstrates to the course instructor that extraordinary circumstances exist that prevent the completion of the course within the regular term. Students who wish to receive an Incomplete must obtain the consent of the instructor before the date on which final grades are to be submitted. This approval must be submitted to the Office of Registration and Records by the instructor on a Request for Incomplete Grade form, signed by both the student and the instructor. Appropriate forms are available through the Office of Registration and Records.

An Incomplete granted for any term becomes a failing grade (F) or a No Pass grade (NP) if the work is not completed within three weeks after the end of the term. Requests for an extension of time to resolve an Incomplete will be approved only when the instructor is satisfied that circumstances prompting the request justify waiving this three-week policy. Incomplete grades can be held for a maximum of one year only under unusual circumstances. Incompletes must be resolved prior to graduation.

Once an incomplete grade is requested, an "I" will remain on the student's transcript to indicate record of the incomplete grade. When a final grade is submitted it will read on the student's transcript as "I/grade received." While an "I/grade received" will not affect the configuration of a student's GPA, it will remain permanently on their transcript to indicate additional time given to complete the class.

Repetition of Courses

In non-cohort programs, students must receive permission from the program director to repeat a course. Students may repeat a course no more than one time and may repeat a maximum of two courses only. In cohort programs, a student who wishes to repeat a course out of sequence or delay enrollment to repeat a course in sequence with a new cohort group must discuss this with the program director. In all cases involving the repetition of courses, individual program policies take precedence. It is the student's responsibility to know the policies of their program.

Withdrawal from Courses

In general, students who withdraw from a cohort-model graduate course must also withdraw from the graduate program and the University. A graduate student who withdraws from a course without requesting a Leave of Absence will be required to reapply for admission to the University through the Office of Admission with approval from the appropriate program director.

Students must consult with the program director and follow appropriate withdrawal or Leave of Absence procedures. The Office of Registration and Records establishes the effective date of the withdrawal for graduate students. Withdrawal charges will be computed according to the length of the course and the number of calendar days into the term. For more information, contact the Office of Student Financial Services.

Leave of Absence

A Leave of Absence may be granted to a student in good academic standing who can demonstrate to the program director that extraordinary circumstances prevent continued enrollment and full participation in the academic program. A student may request a Leave of Absence by completing an application for a Leave of Absence.

If a Leave of Absence is approved by the associate dean, program-specific re-entry requirements established in consultation with the program director must be satisfied.

Students are limited to one leave, not to exceed 180 days, within a 12-month period. Students who are enrolled in a graduate program that uses a cohort model may not be able to resume the program after six months. In this and other situations requiring a longer interruption of studies, it may be necessary for the student to withdraw from the university and be readmitted at a time when they can resume their studies. Policies on readmission vary by program.

Application for readmission to the program of study is not required for a student returning after a Leave of Absence, although the student must meet with the program director to determine the appropriate time to register for classes. A student on a Leave of Absence may follow early registration procedures.

Degree Completion Deadline

Graduate students must complete all requirements for the awarding of the degree within five years of initial enrollment in their course of study. Failure to complete all requirements within the five-year period requires an application for readmission to the program. All requirements for the degree that are in place at the time of readmission to the program must be completed for the awarding of the degree. The program director will determine course equivalency of all graduate work completed prior to readmission to the program.

The Integrated Curriculum

The Integrated Curriculum is designed to help students develop over the entirety of their time at Elmhurst University.

Elmhurst University's Integrated Curriculum (IC) is designed to inspire students to form themselves intellectually and personally and also to prepare for meaningful and ethical work. It proceeds from the recognition that concentrated specialization alone is not enough to prepare students to succeed. Information and procedures soon become outdated; the job they have prepared to do proves limited, or the knowledge they have becomes obsolete. This integrated program seeks to prepare students to be lifelong learners in a changing economy and a developing global society.

The Integrated Curriculum rests on the University's nine educational goals. It seeks to educate students in three ways: exposing them to areas of knowledge, requiring them to have practice and/or proficiency in skills, and expecting them to have several experiences to assist in value development. The program prioritizes four outcomes defined by the faculty: critical thinking, effective communication, understanding and employing the content and perspectives of varied disciplines, and valuing tolerance and social justice. In addition, the program is committed to integrative and applied learning: as such, a central theme of this curriculum is that of integrating, of connecting—between and among the disciplines, from classroom to experience, across liberal and professional studies, between general education and the major.

The Integrated Curriculum itself includes developmental requirements that run throughout the student's time at Elmhurst University. It is founded on three proficiencies that all students must address. Thereafter, it includes required work in nine areas of knowledge and seven skill and value development areas. There is no set number of courses in the Integrated Curriculum.

Requirements in these areas, along with appropriate objectives and outcomes as set by the faculty, are specified in the sections below. Unless specifically approved by the faculty, independent study courses may not be used to fulfill Integrated Curriculum requirements.

Proficiencies

In order to be equipped to master the Integrated Curriculum, students must complete proficiency requirements in three areas: mathematics, world language and writing. Courses that meet these proficiencies are offered each term; however, each proficiency may also be met by a variety of placement tests, AP credit and other means as defined by the faculty.

The proficiencies are foundational to further academic success and should be completed as soon as possible after a student's entry to the University, and in any event must be addressed no later than the end of sophomore year. Transfer students should meet the three proficiencies within the first year after admission. New adult students who graduated from secondary school more than six years ago or are at least 24 years old in the year in which they enroll are exempt from meeting the world language proficiency. Specific proficiency requirements are available in the Office of Advising or online.

Developmental Requirements

Developmental requirements to be completed by all students include a first-year seminar (first year students only), English 106 (the required first-year writing course), and a senior capstone experience. Further, at least the writing development course must be completed at the upper (300 or 400) level. The first-year seminar, ENG 106, and the required writing skill and development course must be taken for a letter grade; grading in the senior capstone is determined by the offering department.

Experiential Learning

In addition, all Elmhurst University students are required to participate in an Experiential Learning opportunity, which integrates course-based learning with related experiences outside of the classroom.

Students may participate in Experiential Learning in many ways, including domestic and international travel courses, service learning courses, internship courses, clinical work, and student teaching. Many students also complete their Experiential Learning in service programs like Habitat for Humanity or off-campus research, where skills and values developed in the classroom may be applied in an off-campus setting.

Students who are at least 24 years old in the year in which they enroll are considered to have satisfied the experiential learning requirement.

Students and guests may search for courses by Experiential Learning on Self Service.

Many students complete their Experiential Learning through a non-course-based program, titled **EXP 250**. For more information about each program, please contact the person listed in parentheses.

- Weigand Career Center for Professional Excellence–Professional Mentoring **(Julie Nosal)**
- Chemistry Off-Campus Research Experience **(Michelle Applebee)**
- Academic Service-Learning Program **(Mary Walsh)**
- Field Experiences in Music **(James Hile)**
- Weigand Center for Professional Excellence–Professional Career Experiences **(Martin Gahbauer)**
- Weigand Center for Professional Excellence–Health Professions Shadowing **(Erica Ashauer)**

Areas of Knowledge

Students complete work in the nine areas of knowledge indicated below, which represent three broad realms of knowledge. Each area of knowledge is conceived of as *multidisciplinary and goal-driven*, accommodating courses from more than one department. A limited number of bidisciplinary courses are available that meet two area of knowledge requirements

No more than two area of knowledge requirements can be satisfied within a single department. In order to meet an area of knowledge requirement, a course must be taken for a letter grade. Area descriptions and learning objectives are presented below. Specific courses meeting the various area of knowledge requirements are listed on Self Service.

Interpretation and Identity

These courses examine religious, philosophical, symbolic and aesthetic approaches to the human experience, moral and ethical development, and the discovery and structuring of meaning.

Inquiry into Ethics and Justice (IEJ)

These courses explore theories and instances of justice and injustice in current and historical human societies. Students will analyze different systems of values that inform how people interact as individuals as well as members of larger societal groups. Courses in this area examine ethical reasoning bearing on such principles as liberty, rights, dissent, moral status, equality and justice.

Learning Outcomes

- Understand several distinct systems of ethical reasoning and theories of value and justice
- Evaluate in their contexts specific historical and contemporary theories or actions.
- Articulate and evaluate multiple perspectives on ethics and social justice.

Religious Studies in Context (RSC)

The aim of these courses is to help students explore and understand different religious theories, terms, symbols, images, beliefs, practices, scriptures, institutions, persons, themes and stories in their linguistic, historical, cultural and intellectual context.

Learning Outcomes

- Identify major theoretical approaches to the study of religions.
- Recognize specific religions in their respective contexts.
- Interpret religions as formed by their contexts and those contexts as shaped by religious traditions.

Literature (LT)

The literature area of knowledge focuses on the interpretation and appreciation of the imaginative, aesthetic uses of language as these are reflected in poetry, fiction, drama and certain nonfiction texts. Courses in this area examine the various literary techniques for the creation of meaning and pleasure, and reflect on the ways in which literary works influence, and are influenced by, their historical contexts.

Learning Outcomes

- Identify various literary techniques, creative uses of language, and traditions, and interpret them within their relevant contexts.
- Perceive the deeper issues addressed in aesthetic texts and articulate their continuing personal and social relevance.
- Understand how different cultures encode their values, whether shared or contested, in the various kinds of imaginative writing.

Fine Arts (FA)

As a unique vehicle for the expansion of imagination and emotions, this category aspires to make students aware of the impact of the arts on human endeavor and to inspire creativity in all aspects of life. A distinctive goal of this requirement is to expose students to artistic expression that is outside the limits of primarily technical, literary or quantitative media.

Learning Outcomes

- Identify components of the creative process.
- Analyze the formal elements of the medium and the artist's application in creating expression.
- Identify and interpret expressive differences in works of art.
- Gain awareness of the history and scope of the medium.

Societies, Individuals, and Cultures

These courses examine human thought and behavior, politics, cultures and societies utilizing the methodologies of history and social science.

Historical Analysis (HA)

Courses in this category examine societies, cultures, events, ideas and individuals in their historical context. As such, they provide a broad base of knowledge and critical skills—analysis, interpretation, synthesis—which play an integrative role in liberal learning.

Learning Outcomes

- Acquire a broad knowledge of the past, extending over a substantial period of time, and understood on its own terms.
- Use such knowledge to understand the past and its relevance to the present.
- Exercise appropriate interdisciplinary methods and tools for the interpretation of appropriate sources.
- Assess primary sources by means of critical analysis, and place them in historical context.

Social and Political Analysis (SPA)

Courses in this category examine the social, political, economic and cultural institutions that shape the environments of individuals and groups. Students will study how power relationships within and among these institutions affect various subgroups in the population. Paradigms, theories and methodologies used in this analysis will be examined, utilized and evaluated.

Learning Outcomes

- Describe social, political, economic and cultural institutions and processes, the relationships between them, and their impact on individuals and groups.
- Describe how differences of class, race, ethnicity and gender are related to these institutions and their outcomes.
- Identify, use and evaluate the paradigms, theories and methodologies that describe and explain social, political, economic and cultural institutions and their outcomes.
- Identify means through which individuals can effect change in social, political, economic or cultural institutions.

Cognitive and Behavioral Sciences (CBS)

These courses provide a basic understanding of the nature of human thought, the behavior of the individual within society, and the methods for studying these phenomena.

Learning Outcomes

- Understand conceptual, psychological, biological, behavioral or other related methods to analyze the nature of human thought.
- Understand the major concepts and methods used by cognitive, behavioral or social scientists to explain human behavior.
- Understand how individual thought and action influence and are influenced by the social, political and economic forces of contemporary society.

Natural Science

These courses examine physical and/or living systems, allowing students to understand and appreciate the interdependence of natural systems. All courses in the natural science realm include laboratory experiences in which the student will collect, organize and interpret primary data. Through courses in this realm, students gain an understanding of how scientific concepts develop, how they are joined into theoretical structures and how these structures are validated.

Physical Science (PS)

Students will acquire a basic understanding of fundamental physical concepts, relationships and theories through the study of matter, energy and forces of nature. Students will be able to apply this understanding to questions relevant to everyday life.

Learning Outcomes

- Make measurements of physical quantities, create and interpret charts and graphs containing physical data, and draw conclusions from those data.
- Explain contemporary theories regarding the composition, structure, properties and dynamics of matter on the atomic, molecular, human, planetary or cosmic scale.
- Describe how a hypothesis explaining physical phenomena is evaluated and refined through experimentation and data analysis.

- Use knowledge of physical principles to make informed decisions about contemporary consumer, social, ethical or environmental issues.

Life Science (LS)

Students will acquire a basic understanding of the fundamental processes and requirements of living things, their impact on everyday life, and methods for studying living systems ethically and responsibly.

Learning Outcomes

- Know and understand the theories and requirements of living systems, which may include cells, tissues, organs, organisms, populations and/or ecosystems.
- Apply the scientific method ethically to observations made about living systems by designing experiments with proper controls, collecting data and reporting results in an appropriate format.
- Use this knowledge to make informed decisions about contemporary consumer, social, ethical or environmental issues.

Skill and Value Development Requirements

The Integrated Curriculum also includes requirements in the areas of skill and value development. These skill and value areas, which may be met at a variety of levels, have been identified by the faculty as essential for continued intellectual development and lifelong learning.

Courses that meet these requirements are identified by means of "tagging," indicating that the faculty has approved the particular course as meeting the learning outcomes of that skill or value development area. Both area of knowledge and major courses may be tagged. To count for the tag requirement, a course must be completed for a letter grade except for courses that are offered only on a Pass/No Pass basis. Specific courses meeting these skill and value requirements are indicated on Self Service.

Note: Transfer students should carefully review their transfer credit evaluation upon entrance—certain transferred courses may not carry the tag associated with the course taken at Elmhurst University.

Skills Development

An academic skill is used to successfully learn across a variety of academic disciplines. Therefore, a "skill" must apply to, and facilitate the mastery of, more than one discipline. As such, it aids in the flexibility necessary to higher-level learning as well as potential professional adjustment to new responsibilities in a changing economy.

Students must complete at least one tagged course in each of the four areas of writing, oral communication, quantitative reasoning and information literacy. These tagged courses are designed to meet the following outcomes:

Writing (W)

Students must complete ENG 106 plus one upper-division (300/400 level) writing intensive W tagged course as designated by major.

Learning Outcomes
Students with be able to:

- Demonstrate an understanding of writing as a process involving critical thinking by submitting evidence of prewriting, interim drafts, and final writing with obvious revisions.
- Produce multiple writing assignments and a range of types of writing for appropriate purposes and audiences such as short, informal, ungraded works and longer, more formal documents.
- Utilize academic and disciplinary conventions correctly, including appropriate language, audience accommodations, formatting, citations and so forth.

Oral Communication (O)

Students must complete one O tagged course.

Outcomes
Students will be able to:

- Produce a range of types of oral communication for appropriate purposes and audiences such as short, informal, ungraded oral assignments and longer, more formal presentations
- Demonstrate competent understanding of the complex process of verbal and nonverbal communication
- Develop, organize and express messages competently
- Analyze and evaluate audiences and content appropriately
- Demonstrate a knowledge of and commitment to communication ethics

Quantitative Reasoning (Q)

Students must complete one Q tagged course (in addition to the mathematics proficiency).

Learning Outcomes
Students will enhance their ability to do one or more of the following:

- Apply arithmetic, algebraic, geometric, algorithms and/or statistical methods to modeling and real world problem solving.

- Interpret mathematical models such as formulas, graphs, tables and schematics and draw conclusions from them.
- Determine the limitations of mathematical and statistical models within a particular context.
- Demonstrate mathematical reasoning skills and/or formal logic for developing convincing arguments.

Information Literacy (I)

Each major will designate one appropriate I tagged information literacy course which students will be required to complete.

Learning Outcomes
Students will be able to:

- Demonstrate an understanding that information may be defined, stored and organized in different ways in different disciplines.
- Demonstrate an ability to access and use discipline- based information resources appropriate to the discipline.
- Demonstrate the ability to evaluate information sources and determine the appropriate use of information.
- Demonstrate the ability to incorporate disciplinary information sources into significant research-based assignments.
- Demonstrate an ability to correctly use disciplinary citation conventions.

Values Development

Courses tagged for value development encourage students to articulate, confront, wrestle with and develop their own values in the designated areas. The values areas reflect the University values of community and social responsibility.

Students must complete at least one course in each of the three values development areas of intercultural global engagement, intercultural domestic engagement and engaging social responsibility. These courses are designed to achieve the following outcomes:

Intercultural Global Engagement (G)

All students need to complete one course tagged for G content.

Learning Outcomes
Students will be able to:

- Demonstrate an understanding of culture as a dynamic construction of values, norms and practices.
- Understand the effects of increasing global interdependence on nations, cultures and institutions.
- Analyze the differences and similarities between their own cultural norms and those belonging to people of different nations and/or cultures.
- Develop skills to communicate and collaborate effectively across cultural boundaries.

Intercultural Domestic Engagement (D)

All students need to complete one course tagged for D content.

Learning Outcomes
Students will be able to:

- Demonstrate an understanding of culture in the United States and the relationship between individual values and dominant norms
- Analyze the way that dominant cultural norms affect social and political actions
- Critically examine structures and organizations that contribute to the establishment of societal norms and relationships

Engaging Social Responsibility (S)

Beginning instruction in this area is embedded in the First-Year Seminar and the Inquiry into Ethics and Justice area of knowledge. In addition, all students will complete one course tagged for S content.

Learning Outcomes
Students will be able to:

- Construct a view of citizenship and its responsibilities in diverse democratic societies and the global community.
- Articulate their own values and demonstrate how these values reflect or respond to society.
- Demonstrate knowledge of varied responses to issues of social justice.
- Respond to civic, service or social justice issues.

Planning a Program of Study

The academic regulations contained within this section are applicable to undergraduate students who begin their academic programs at Elmhurst University in the 2025–2026 academic year.

In planning a program of study at Elmhurst University, students should note the distinctions among degrees, full-time and part-time enrollment, and degree or non-degree status. A number of regulations and a variety of procedures change according to degree, enrollment and degree status.

Degrees

Elmhurst University confers the following undergraduate degrees:

- Bachelor of Arts
- Bachelor of Fine Arts
- Bachelor of Science
- Bachelor of Science in Nursing
- Bachelor of Music
- Bachelor of Liberal Studies

While requirements for each degree vary, all require a minimum of 32 units of credit (128 semester hours). The academic program consists of three interrelated parts:

- Courses that meet the Integrated Curriculum
- Courses that fulfill requirements of the major
- Elective courses that students select to satisfy intellectual curiosity or to enhance the breadth of their academic programs.

Programs

The undergraduate academic programs of the University are administered in two forms: traditional programs and degree completion programs for students 24 years of age or older. Students hold status as enrolled students in the University by admission into either program. Student program is determined at the time of admission according to program, academic interests and student preference.

Students are expected to become familiar with the regulations of their programs. Students who change from one program to another should first speak to an advisor in the Office of Advising.

Declaration of a Major

Students are required to select and complete the requirements for one major, an area of concentrated study. Courses taken for the major must be completed with a letter grade for courses where that grading option exists. Students may declare a maximum of three majors while pursuing a degree.

Students are encouraged to explore fully the Integrated Curriculum courses at the University but are expected to declare a major field of study prior to the completion of the sophomore year. Declarations of or changes in major are handled through the Office of Advising.

Planning a Program of Study

Classification of Students

CLASS	CREDITS COMPLETED
First-year (Freshman)	0-7.99 credits
Sophomore	8-15.99 credits
Junior	16-23.99 credits
Senior	24+ credits

- **Graduate:** A student seeking a graduate degree.
- **Non-degree:** a student who enrolls in a course or courses without planning to seek a degree. A student is considered nondegree when not formally admitted to an academic program at the University. Nondegree students register after degree-seeking students.
- **Second degree:** A student seeking a second bachelor's degree.

Non-degree students are those who enroll for a course or courses without planning to seek a degree. Non-degree students are subject to all appropriate University regulations.

Students who wish to change their status from non-degree to degree-seeking must make formal application for admission in the Office of Admission. The admission decision is based upon a review of the transcripts of all previous collegiate academic work and the student's academic performance at Elmhurst University.

Planning a Program of Study

Enrollment Status

Undergraduate Students

STATUS	COURSE CREDITS	SEMESTER HOURS
Full Time	3.00 and above	12.00 and above
Half Time	1.50 to 2.75	6.00 to 11.00
Less than Half Time	0.25 to 1.25	1.00 to 5.00

Graduate Students

STATUS	COURSE CREDITS	SEMESTER HOURS
Full Time	2.25 and above	9.00 and above
Half Time	1.25 to 2.00	5.00 to 8.00
Less than Half Time	0.25 to 1.00	1.00 to 4.00

Additional Opportunities

In addition to the programs and courses described in the preceding section, Elmhurst University offers students the following academic opportunities.

Additional Opportunities

Engineering

The Department of Physics offers several options for students who wish to study engineering. All of these options are designed to provide both a broader educational experience and a stronger basic science background than are provided by a traditional engineering curriculum. Detailed descriptions of engineering options are provided in the listings of the physics department.

Additional Opportunities

Library Science

The educational requirements for professional library work include a bachelor's degree from an accredited college and a master's degree in library science from a graduate school accredited by the American Library Association. Undergraduates should pursue a liberal arts program that stresses a broad cultural background. In addition, some library schools may require a modern foreign language for admission to their programs.

Information regarding types of library work, library schools and their requirements, and job opportunities is available from the director of the library.

Additional Opportunities

ROTC

Army ROTC

Elmhurst University students have the opportunity to enroll in the Army Reserve Officer Training Corps (ROTC) program through a partnership with Wheaton College. The ROTC is a national program designed to train students to become future officers in the United States Army. Cadets may go on to serve as active duty, reserve or National Guard officers in combat arm, combat support, combat service support and special branches such as Army Nurse Corps, Judge Advocate General Corps and the Chaplain Corps. . Eligible students who enroll in the ROTC program will complete their education at Elmhurst University while conducting their military training at Wheaton College. A student may earn an officer's commission upon graduation from Elmhurst and completion of all prescribed segments of the ROTC program. This is a valuable experience that provides leadership training that prepares full-time, enrolled students for service opportunities in the Army.

A student must be willing to commit to physical training several times a week with an extended lab/class period once a week throughout the fall and spring terms. In addition, there is bi-annual field training one weekend per term and a one month summer training session. Post college, students will have a total 8 year commitment to the Army.

Students may qualify for substantial scholarship awards to cover tuition and other fees, and all students continuing into the junior and senior years qualify for minimum monthly living stipends of $400 as well as textbook stipends.

For additional information on the Army ROTC program at Wheaton College, call (630) 752-5121. On the Elmhurst University campus, contact the Office of Admission prior to enrollment and request the cross enrollment form be sent from Wheaton College to Elmhurst University on your behalf. Official transcripts will be sent from Wheaton to Elmhurst so that transfer credit may be posted to the student record for the military training coursework completed. This credit is transferable as general elective credit towards graduation hour requirements up to a 32 semester hour maximum.

Additional Opportunities

Seminary

Today, seminaries and divinity schools accept students from virtually every walk of life with a rich variety of undergraduate areas of study: physics, business, economics, nursing, education, psychology, pre-law, pre-medicine and, of course, religious studies. Whatever their academic background, students interested in seminary or divinity school must be able to think critically, speak effectively, and write clearly and, as Socrates advised, to know themselves. Students who are considering seminary, therefore, are advised to take courses in biblical studies, theology, ethics, ministry, world religious studies and another field of their interest. The Niebuhr Center for Engagement and Reflection and the Office of the Chaplain are well equipped to facilitate co-curricular opportunities to help students discern their callings to ministry. Students are encouraged to explore their options for academic majors and seminary with the Niebuhr Center or College chaplain or the faculty of the Department of Religious Studies.

Enrichment Opportunities

Elmhurst University promotes student growth beyond the basic undergraduate curriculum through academically challenging courses, global experiences and community service.

Enrichment Opportunities

Honors Program

See more about the Honors Program under the department page.

Enrichment Opportunities

Service Learning

The Service Learning Program affirms the University's commitment to develop in students the capacity and desire to serve others. The program has established reciprocal partnerships with a variety of community organizations. Involvement in Service Learning allows students to use guided, reflective activities to link classroom learning with experiences, to practice creative decision making, and to develop behaviors that demonstrate responsible citizenship and sensitivity to cultural interdependence.

The Service Learning Program offers a continuum of opportunities including service hours within a course; immersion experiences in January Term, Spring break or Summer; an international service-learning experience through the Elmhurst University Study Away Program; and long-term involvement in a community partnership throughout a student's career at Elmhurst University.

Students participating in Service Learning have the opportunity to fulfill the required Experiential Learning tag for graduation requirements. For more information, visit the Service Learning website: **elmhurst.edu/service-learning**

Enrichment Opportunities

Study Abroad

Elmhurst University believes that students should have at least one global experience as a part of their undergraduate education. Time spent abroad significantly enriches students' educational experiences. Students observe how other parts of the world conduct business and how people relate with one another. Students learn what issues are important in the lives of citizens of other countries, how they interact with their natural environment and how their society makes decisions. Through this experience, students gain an increased understanding of themselves and their country and a greater respect for other people.

Furthermore, employers place a high value on global experience in new employees. Time spent abroad shows a prospective employer that individuals have learned something about the rest of the world, that they have dared to leave their comfort zone to take on the challenge of thriving in another culture and that they have the flexibility to adapt to new circumstances. In many cases, students also learn valuable language skills and demonstrate increased flexibility of thought and readiness to work with people of diverse backgrounds—whether in the United States or abroad.

Interested students should begin planning for study abroad during their first year at Elmhurst. Many students participate in a January Term study-abroad experience as first-year students and then apply as sophomores or juniors to study abroad for a term or year. Students should consult with the Office of Global Engagement and their academic departments for more information. Application information can be obtained from Global Engagement or online at **elmhurst.edu/study-abroad**

Elmhurst University students may take courses, engage in field studies and service-learning, or complete a global internship. The University is affiliated with several outstanding study abroad organizations. Elmhurst students register for these courses on campus and can apply financial aid toward the costs of these programs. The following programs are currently approved for Elmhurst University students:

- **The American College of Thessaloniki:** Semester program in Thessaloniki, Greece
- **API:** Programs in Asia/Middle East, Europe, Latin America, and South Pacific
- **Arcadia Abroad:** Programs in Italy, Ireland, South Pacific, Spain, Africa and United Kingdom
- **Middlebury College-CMRS Oxford Humanities Program:** Courses in Oxford, England
- **Queen Mary:** Direct-enrollment options in London
- **IES Abroad:** Programs in Europe, Asia Pacific, Africa and Latin America
- **IFSA:** Programs in Europe, Asia, Australia, and Latin America
- **SIT Study Abroad:** Field-based research and internship programs in Africa, Asia, Australia, Europe and Latin America
- **Exchange Programs:** Kansai Gaidai University in Japan, Comillas Pontificia in Madrid and Worms University of Applied Sciences in Germany
- **The Education Abroad Network and ISA:** Programs in Asia Pacific, Europe, Africa, and Latin America
- **Liverpool Hope University:** Semester program for Honors students in Liverpool, England
- **University College Dublin:** Semester program for nursing students in Dublin, Ireland

January Term, Spring Break and Summer Term

Elmhurst University faculty members offer courses abroad during these terms. Each year a variety of courses with different locations and subject areas are offered. The list of courses is announced during the Spring semester each year.

Domestic Off-Campus Programs

The Washington Internship Institute provides an excellent opportunity for students interested in international affairs, public policy, civic engagement, media and advocacy. Rigorous internships in Washington, D.C., are an integral part of this program. The Chicago Semester gives students the opportunity to live in the city, experience the richness of Chicago arts and culture, and do an internship in their field of study.

Academic Standing

The following regulations apply to the determination of academic standing at Elmhurst University.

Good Standing

The University designates students as in good standing if they make satisfactory progress in their academic work with respect to grade-point average, number of credits and fulfillment of requirements.

Undergraduate Students

To be in good standing, all undergraduate students must:

- Maintain combined and cumulative grade-point averages (GPA) of at least 2.00.
- Cumulative GPA is based on the average of grades earned in all courses taken at Elmhurst University.
- Combined GPA is based on the average of grades earned in all college-level coursework, including courses taken at Elmhurst as well as courses accepted as transfer credit from other institutions.
- Term GPA is based on the average of grades earned in all courses taken for a single term at Elmhurst University. Spring and Fall Term GPA are used to determine if a student is subject to being placed in an academic standing review process of Probation or Dismissal.

Grade-point averages are determined by dividing the total number of grade points by the total number of courses attempted for A-F letter grades. Courses in which pass grades (P) were earned are counted in earned totals, but are not included in the calculation of the GPA.

See previous pages for grade points assigned to letter grades.

To make satisfactory progress, degree-seeking students must regularly earn a minimum quantity of credits or they may be placed on Academic Probation or subject to Academic Dismissal. Full-time students are required to complete a minimum of six course credits in each 12-month period. Part-time students are required to complete a minimum of three-fourths of the courses for which they registered in each 12-month period. Full-time students normally earn sufficient credits to earn 32 credits in four years.

Degree-seeking students normally must make satisfactory progress in fulfilling Integrated Curriculum requirements, electives and requirements for their majors.

Failure to meet satisfactory academic progress may impact a student's eligibility for financial aid. Students are required to have a cumulative grade-point average of 2.00, complete 67% of their attempted courses, and earn no more than 150% of their required credits in order to maintain eligibility for their financial aid.

Second-degree and non-degree students must have a cumulative grade-point average of 2.00 for each term of work taken at Elmhurst University.

Individual departments and programs may also have minimum GPA requirements to remain in good standing in a program. Those requirements supersede the University requirements listed above.

Graduate Students

To be in good standing, graduate students must:

- Complete all courses with a grade of C or better
- Earn no more than one C or C+ grade
- Complete additional requirements as outlined by the specific program

A second C or C+ grade, a C- grade, a D grade or an F grade will result in dismissal from the graduate program and the University. The program director will notify the student, in writing, of the dismissal decision.

The academic good standing policy for the Computer Information Technology program is significantly different. Students in this program should refer to the specific program sections of this catalog.

Note: each student must maintain academic good standing in their respective program as defined by the graduate program. In all cases, individual program policies concerning academic good standing take precedence. It is the student's responsibility to know the policies of their program.

Dean's List

Those who qualify for the Dean's List are Elmhurst University undergraduate students who, during Fall or Spring Term, have attained a current grade-point average of 3.75 or better. Students who have unresolved incompletes for the term are not eligible. Graduate students are not eligible.

Academic Standing

Academic Probation and Dismissal

The Academic Review Board reviews the academic records of all undergraduate students at the end of the Fall and Spring terms. Students whose Elmhurst University term, cumulative or combined grade point average (GPA) falls between 1.00 and 2.00 will be placed on Academic Probation, if it is the first such occurrence.

Students on Academic Probation must earn a minimum term GPA of 2.00 for the term immediately following the one in which they were placed on Academic Probation (excluding January and Summer). If, while on Academic Probation, a student's term GPA again falls below 2.00, the student may be subject to Academic Dismissal.

Students with term, cumulative or combined GPAs below 1.00 may also be subject to Academic Dismissal from the University.

Students who have been dismissed have the right to appeal if they conclude they have significant information that would warrant a reconsideration of the dismissal decision. Students who have been dismissed and do not successfully appeal may not register for classes, including as a non-degree or visiting student.

Dismissed students may apply for readmission to Elmhurst University after one year has passed since their dismissal.

Student's failing to meet satisfactory academic progress may have their financial aid eligibility suspended. Students that are suspended are offered the option to appeal and be placed in a probation status which may include an academic plan for improvement.

Additional information about the academic standings policy may be obtained from the Office of Advising.

Grades

Grading Scale

The Elmhurst University grading system offers three options: A-F, Pass/No Pass and Audit. Students must select A-F for courses used to satisfy the Integrated Curriculum requirements and courses used to satisfy the major and minor requirements. A-F grades are used in determining grade-point averages, academic standing and qualifications for honors. Grades will not be changed after they have been posted to the student's academic transcript except with the permission of the registrar.

GRADE	POINTS	DESCRIPTION
A	4.0	Excellent: Student performance has been at the highest levels; course requirements have been met with sustained excellence.
A-	3.7	
B+	3.3	
B	3.0	Good: Student performance has been above average; course requirements are being met with a sustained level of competence.
B-	2.7	
C+	2.3	
C	2.0	Satisfactory: Student performance has been adequate; satisfactorily meeting all course requirements.
C-	1.7	
D+	1.3	
D	1.0	Poor: Student performance has not been satisfactory; meeting the minimum of course requirements.
F	0.0	Failure: Student performance has been consistently below the level for passing course.
I	0.0	Incomplete: Given to students who demonstrate that extenuating circumstances prevent completion of the course.
P/NP	0.0	Pass/No Pass
AU	0.0	Audit
W	0.0	Withdrawal: Appears on transcript for a course dropped after first week of classes, but before 2/3 of its completion.

Pass/No Pass Grading Preference

A Pass grade (P) indicates a student has successfully completed the work in a course. A grade of No Pass (NP) is recorded if the work in the course is not completed at a passing level. No academic credit is awarded for No Pass courses. Pass/No Pass grades are not calculated in the grade-point average.

Students may elect to take no more than a total of one unit of credit (4 semester hours) per term on a Pass/No Pass basis. No more than six units of Elmhurst University credit (24 semester hours) graded on a Pass/No Pass basis may be counted toward the minimum number of courses required for graduation. Integrated Curriculum, major/minor courses and mathematics courses required for the Bachelor of Science degree cannot be taken Pass/No Pass unless that is the only grading option. Students should confer with their advisor before choosing the Pass/No Pass option to fully understand all academic ramifications.

Audit Grading Preference

Students may choose to Audit courses in which they are enrolled and have met the prerequisites. Under this option the student's obligation is to attend the course. Tests and other forms of evaluation are optional. No credit is earned toward graduation, but an entry of Audit is included on the permanent record. Standard fees are charged for courses taken with Audit grading. It is recommended that students confer with their advisor before choosing the Audit option to fully understand all academic ramifications.

Changing Grading Preference

To request a change in grading preference after the first week of the Fall and Spring terms, students must submit an Add, Drop, or Change Course Grading Preference ticket found on the Elmhurst University portal. Students may request a change in grading preference up to the end of the 10th week of classes in Fall Term and Spring Term. Students should consult the Registration and Records calendar on the Elmhurst University website for exact dates for each term.

Grades

Incomplete

Eligibility for an Incomplete

An Incomplete ("I") may be granted to a student who has satisfactorily completed at least 75% of the course but is unable to complete all course requirements within the regular term due to extraordinary circumstances. Meeting this criterion does not obligate the instructor to assign an Incomplete; the decision remains at the instructor's discretion.

Students who wish to receive an Incomplete must contact the instructor before the term ends. After discussing the remaining work and deadline with the student, the instructor should then submit an **Incomplete Grade Request (click for link).** This request must be submitted by 11:59pm on the last day of the term.

Full expectations for the student and instructor can be found on the incomplete grade request form. Students with unresolved incompletes for the term are not eligible for the Dean's List and will have their "if not completed" grade used to determine their academic standing for the term.

Due Date

The deadline for resolving an incomplete grade is no later than 5 weeks after the last day of the term. Specific due dates for each term are listed on the first page of the incomplete grade request form. Instructors may set an earlier deadline at their discretion.

If a Resolution request is not submitted by the deadline, the Incomplete will revert to the grade listed on the form.

Resolving an Incomplete

- To submit a final grade, instructors should fill out and submit the **Incomplete Grade Resolution request (click for link).**
- The Incomplete must be resolved prior to graduation. If a non-resolved incomplete grade remains on the student's record at the end of their final term, their degree will not be posted.
- When a final grade is submitted, it will be recorded on the student's transcript as "I/grade earned." While an "I/grade earned" will not affect the calculation of a student's GPA, it will remain permanently on their transcript to indicate additional time given to complete the coursework.
- Unresolved incompletes will revert to the grade listed on the incomplete grade request form.

Extensions

For extenuating circumstances, the instructor can request an additional two-week extension for the student through the Office of Registration and Records by emailing regrec@elmhurst.edu.

Grades

Repeating a Course

Students may repeat a course in which they received a grade of C-, D+, D, F, P or NP no more than two times. Students may not repeat any course in which they receive a grade of C or better. In all cases, individual department policies concerning repetition of courses in the major take precedence. When a course is repeated for credit, the earlier grade remains on the student's permanent record and will appear on all transcripts. Only the last enrollment and grade will be used in computing the grade-point average and awarding of credit.

All repeats must be taken at Elmhurst University, whether the course was originally attempted for credit at Elmhurst University or at another institution. The only exception to this is if the course originally taken elsewhere has no equivalent course at Elmhurst University. Please note: The written permission of the VPAA or their delegate must be obtained prior to registration at any other institution. A repeat may not be by independent study.

Grades

Disputed Final Course Grades

The normal presumption in the administration of grades at Elmhurst University is that the instructor alone is qualified to evaluate the academic work of students in their courses and to assign grades to that work. For this reason, questions regarding an instructor's assessment of the quality of academic work are not normally subject to review. However, when a student believes that a grade was assigned in a manner that was arbitrary or inappropriate in the Elmhurst University academic setting, or that

crucial evidence was not considered, the student shall follow the procedures outlined below. A grade dispute must be brought in writing to the instructor, by the end of the fifth week following the term in which the disputed grade was given. It is the responsibility of the student to initiate the process even if this must be done initially in writing rather than in person.

Establishing a Claim for a Disputed Grade Grievance and Organization of the Hearing Board:

1. When a final course grade is disputed, the student and the instructor should meet to discuss the matter and seek an appropriate resolution. If the disputed grade is not resolved, the student may forward the matter to the chair of the department of the instructor and/or the program director. In cases with a school dean, the student may then forward the matter to that level for resolution. If the attempt to settle the issue fails at the school level, it moves to the Office of Academic Affairs.
2. The student should submit a document indicating the student's position and the rationale for the claim. The student must also provide whatever documentation is needed to support the claim. The instructor may do the same. The Vice President for Academic Affairs (VPAA) or their delegate meets with both the instructor and the student and confers with the chair of the department or the program director and the school dean if applicable. If after this investigation and review the VPAA or their delegate finds merit in the appeal, they may initiate next level of action on the dispute, otherwise they will inform the student that the disputed grade will remain as reported.
3. The next level of action is the convening of a Hearing Board, which will consist of the Vice President for Academic Affairs or their delegate, who shall chair the board; the Vice President for Student Affairs or their delegate; two faculty members; and two students selected in consultation with the chair of the Academic Review Board. The parties directly involved may have one silent advisor present. The Chair shall designate a secretary or invite an administrative assistant who is responsible for recording the salient issues and the actions of the Hearing Board.
4. The parties involved will be asked to submit written arguments to be circulated among members of the Hearing Board. It is expected that the parties in disagreement appear before the Board, but the hearing will proceed despite a failure to appear. When all presentations are complete, the Board, in executive session, shall reach a resolution of the problem.
5. If the Hearing Board finds that a grade has been assigned in a manner that was inconsistent with policies stated in the syllabus, or inappropriate in the Elmhurst University academic setting, or that critical evidence was disregarded, the Hearing Board may direct the Registrar to change the grade to one the Board deems appropriate as dictated by the documented and objective evidence provided. The decision shall be represented in writing to the involved parties and others who need to know the results of the hearing. The chair shall maintain a file of relevant material for a period of at least two years. The decisions of the Hearing Board shall be final.

Graduation

The University confers degrees in February, May, August and December and holds Commencement ceremonies in May. Students who apply for graduation in a timely manner are notified via email regarding dates, times and details of the public Commencement exercises. With permission from the Registrar, students who are within 2.0 credits (8.0 hours) of completing their degree requirements may participate in the Commencement ceremony with proof of summer enrollment for those 2.0 credits at Elmhurst University.

All students will receive their degree once all requirements are successfully completed and they have no financial obligations.

Application for Graduation

Degree-seeking students must apply for graduation. It is suggested to apply at least one year prior to the anticipated graduation date, to ensure two full terms to make any necessary adjustments to schedules. Students apply for graduation through Self-Service on the portal.

Students who have applied for graduation will not have their degrees posted until all graduation requirements have been met. All degrees will be posted as of the first graduation date (February, May, August or December) after all requirements have been met.

Graduation Honors

The calculation of graduation honors for all undergraduate students is based on the combined grade-point average of all Elmhurst University and transfer credit.

The standards for degrees of distinction are:

- *Summa Cum Laude:* 3.900–4.000
- *Magna Cum Laude:* 3.700–3.899
- *Cum Laude:* 3.500–3.699

In computing this grade-point average, all work graded with an A, B, C, D and F (including plus and minus grades) is counted, with the exception of courses successfully repeated.

Since every student must meet the residency requirement of eight credits, honors designation shall be based on the completion of a minimum of eight course credits (*32 semester hours*) at Elmhurst University.

Graduate and second-degree students are not eligible for graduation honors.

Students are only eligible to participate in the Spring Commencement ceremony in the Academic Year in which they have completed all requirements. The Academic Year is from Fall Term through the following Summer Term.

Leave of Absence

Undergraduate Leave of Absence

Any student who requires time off from their academic program for personal or medical reasons, but who intends to return to the University within the next term, may request a leave of absence. A student may request a leave of absence by completing an Application for Leave of Absence form, available in the Division of Student Affairs. Graduate students, please see the Graduate Leave of Absence tab. Students applying for a leave of absence for personal reasons must request the leave prior to the last day of the first week of classes. Students are limited to one leave per academic calendar year at Elmhurst University. This leave is not to exceed 180 days. A student on a leave of absence is responsible for meeting their financial obligations to the University.

New students who have registered for classes but who have withdrawn from all their courses prior to the sixth day of class in the Fall or Spring terms may not take a leave of absence. They should contact the Office of Admission to discuss deferring their admission.

Process for Requesting a Leave of Absence

1. **Office of Student Affairs:** Meet with the Director of Student Support Services and Intervention to complete the Application for Leave of Absence.
2. **Office of Student Financial Services:** Meet with Student Financial Services to protect future eligibility for scholarships, grants and/or student loans and regarding outstanding balances to a student account.
3. **Office of the Registrar:** Meet with the Office of the Registrar to discuss the implications of interrupting enrollment.

Communication with Students on Leave of Absence

All students are expected to check their Elmhurst University email address in a timely fashion while on leave. All official communication from Elmhurst University faculty and staff will continue to be sent to a student's Elmhurst University email address.

When a request for a leave of absence is approved, the student will receive a letter from the Office of Student Support Services and Intervention outlining the process and procedure.

Returning from a Leave of Absence

All undergraduate students returning from any type of leave of absence must complete a re-entry form before registering for classes and returning to Elmhurst University. The re-entry form can be obtained through the Division of Student Affairs. Re-entry forms must be completed no later than 6 weeks prior to the first day of classes. Students should meet with their advisor prior to re-entry to discuss course selection and a plan to return for the upcoming term. In some cases, a meeting with the Office of Student Affairs will also be required.

If the student whose leave is approved does not return at the end of one term, the student will automatically be withdrawn from the University, with the withdrawal date being the last date the student attended the University. Any outstanding account balance is immediately due in full.

Students that have not attended another college since leaving Elmhurst University and have been enrolled at Elmhurst University within the last 5 years can submit the Program Reinstatement form found on the Office of Registrar website. Students that do not meet these requirements should re-apply through the Office of Admission.

Leave of Absence

Graduate LOA

A graduate student requesting a leave of absence is required to meet with the program director to complete the Application for a Leave of Absence. Once the request has been received, it will be sent to the Office of Academic Affairs, the Office of Student Financial Services and the Office of Registration and Records to complete the approval process.

New students who have registered for classes but who have withdrawn from all their courses prior to the sixth day of class in the Fall or Spring terms may not take a leave of absence. They should contact the Office of Admission to discuss deferring their admission.

Prior to re-entry, students should meet with their program director to discuss course selection and a plan to return for the upcoming term.

Leave of Absence

Military LOA

Any currently enrolled student going on active military duty must consult with the Veteran School Certifying Official in the Office of Student Financial Services. In partnership with the Office of Registration and Records, a determination will be made whether to withdraw from all registered courses or to request incomplete grades and complete the courses later. If the student needs to withdraw or take a leave of absence, the Offices of Student Affairs and Registration and Records will process the appropriate paperwork.

Students receiving educational benefits through the military are advised to contact the School Certifying Official in the Office of Student Financial Services before withdrawal, as it may affect their benefits.

For the complete Leave of Absence policy and required form, visit the University website or the Elmhurst University Portal.

Privacy of Records (FERPA)

The following is a notification of the rights under FERPA for students at Elmhurst University.

The Family Educational Rights and Privacy Act (FERPA), also known as the "Buckley Amendment," was passed by Congress in 1974. It gives college students certain rights with respect to their educational record, including the rights:

- To inspect and review their educational records
- To request amendments to those records
- To withhold disclosure of such records except for situations involving legitimate educational interest, or as may be required by law
- To file a complaint with the FERPA office in Washington, D.C.

Who is covered by FERPA?

FERPA protects eligible students defined as a student who has reached 18 years of age or is attending an institution of postsecondary education (Elmhurst University). However, FERPA does not extend those rights to applicants who apply for admission but who never actually enroll at the institution. Upon enrollment, the application for admission and related materials are automatically protected under FERPA. FERPA rights continue after a student has graduated or otherwise left the institution, but those rights cease upon death. Requests to review the records of a deceased student should be coordinated through the Office of Registration & Records. Even in the event of a student death, the college is not obliged to share educational record information with those who make a request. It is best practice to consult a college official and they will act in accordance with the wishes of the deceased student's family.

How do students know what their FERPA rights are?

All schools must notify parents and eligible students annually of their rights under FERPA. The actual means of notification (webpage, special letter, student handbook, or newspaper article) is left to the discretion of each school. Students are also encouraged to review the resources provided by the U.S. Department of Education targeted at parents and students on the Department of Education's website.

What is included in a student's educational record?

FERPA applies to all education agencies or institutions that receive funds under any program administered by the U.S. Department of Education, including Elmhurst University. FERPA defines educational records as those that 1) directly relate to a student, and 2) are maintained by an educational agency or institution or by a party acting for the agency or institution.

Examples of confidential educational records subject to FERPA protection are:

- Grades (midterm or final)
- Test scores or homework scores
- Student identification numbers (eNumbers) or Social Security numbers
- Financial Aid and Student Account Records
- Academic Advising notes
- Case Management notes
- Class attendance information
- Conduct or disciplinary reports
- Early action reports (progress reports)

Personal notes maintained by and for a sole individual as a memory aid, and not made available to any other school official, are exempted from this requirement under FERPA; however, such "sole possession notes" could be subject to discovery through a court subpoena.

What records are not covered by FERPA?

There are several records that are not covered by FERPA. Some of these records include alumni records that were created after the individual is no longer a student in attendance and that are not directly related to the individual's attendance as a student. Additionally, employment records are not covered by FERPA if the position does not require the employee to be a student to fill the position. If the position requires the individual to be a student, then the employment record is part of the student's educational record and therefore is protected by FERPA. Finally, exempt from FERPA protection are some access and disabilities accommodations, law enforcement unit records, and treatment records at health or counseling centers, however, these records are covered by other and more stringent laws. Questions regarding health and counseling records should be addressed to the Vice President for Student Affairs and the question will be directed to the appropriate college official.

With whom can information be shared?

FERPA limits the right of the university to disclose records or information from records about any student without the student's expressed written consent (please also see "When can information be released to a parent or legal guardian?" below). FERPA prohibits disclosing such information to third parties but permits the disclosure of student information to other school officials within the university without obtaining the student's consent if the school official has legitimate educational interest. A school official typically includes a person employed by Elmhurst University as an administrator, supervisor, instructor, or support staff member (including health or medical staff and law enforcement unit personnel) or a person serving on the school board. A school official also may include a volunteer, contractor, or consultant who, while not employed by the university, performs an institutional service or function for which the university would otherwise use its own employees and who is under the direct control of the university with respect to the use and maintenance of PII from education records, such as an attorney, auditor, medical consultant, or therapist; a student volunteering to serve on an official committee, such as a disciplinary or grievance committee; or a student, or other volunteer assisting another school official in performing his or her tasks. A school official typically has a legitimate educational interest if the official needs to review an education record in order to fulfill his or her professional responsibility.

FERPA provides guidance about what may be released to third parties but does not *require* that any information be released. If you are a university employee in doubt about which items are covered by FERPA it is best practice to not share or release any item until you have communicated with the university registrar.

What does "legitimate educational interest" mean?

Being an employee of the university does not imply that one has the right to access student educational records. A school official has educational interest if they need information from the records to carry about responsibilities of their role, and in doing so complete a specific function for the institution. Individuals at the institution who have an educational interest in the student's educational record may share information internally to school officials that have a legitimate educational interest. For example, a faculty member can share information about a student's attendance with the Director of Advising, who can in turn share that information with the Assistant Dean of Students.

What is directory information and how is it controlled?

Directory information is not considered confidential.

Elmhurst University has designated the following information as directory information:

- Student's name
- Email address
- Photograph
- Major field of study
- Dates of attendance
- Enrollment status
- Classification
- Participation in officially recognized activities and sports
- Weight and height of members of athletic teams
- Degrees, honors and awards received

If you do not want Elmhurst University to disclose the types of information designated above as directory information, a signed and dated request must be submitted to the Office of Registration & Records (Goebel Hall, Room 105). Elmhurst University does not publish a directory and does not disclose directory information to outside organizations, except to the extent that FERPA authorizes disclosure of education records without consent. Questions about directory information can be addressed to the university registrar.

Can a student inspect all records about them?

No. FERPA provides limitations on the right to inspect and review records, such as educational records that contain information on more than one student, financial records of the student's parents, and confidential letters and confidential statements of recommendation.

How does a student request a review of their academic records under FERPA?

A student can request to view their academic records by submitting a written request to the Office of the Registrar, Student Financial Services, Academic Affairs or any other office through which a student would like to obtain records. Record inspection will ordinarily be in person by appointment within 45 days of the student's request and require appropriate identification and the presence of the dedicated personnel of the office. Please note that a fee is charged for official transcript requests and the university retains the right to not provide copies of any records subject to inspection.

How does a student request an amendment of a record?

Under FERPA, an eligible student has the right to seek amendment or correction of their education records that they believe to be inaccurate, misleading, or in violation of their rights of privacy. However, while the university is not required to amend an education record in accordance with an eligible student's request, the university is required to consider the request for amendment, to inform the student of its decision, and, if the request is denied, to advise the student of their right to a hearing on the matter. If, as a result of the hearing, the university decides not to amend the education records, then the eligible student has the right to insert a statement in the record commenting on the contested information or stating why they disagree with the decision, or both. That statement must remain with the contested part of the education record for as long as the record is maintained and be included whenever the contested part is disclosed.

While an eligible student has the right to seek to amend non-substantive factual errors in their education records, the right is not unlimited. The university is not required by FERPA to afford an eligible student the right to seek to change substantive decisions made by school officials, such as substantive decisions made in the context of grades given to a student based on their performance, other evaluations of the student's performance, or disciplinary decisions.

For more information, please see the University FERPA webpage: https://www.elmhurst.edu/academics/registration-records/ferpa/

Records Requests

Enrollment Verification

Students may present requests for official certification verifying enrollment or other related information by emailing regrec@elmhurst.edu.

Grade Reports

Grades are available online within two weeks after the close of the term. Grade reports are not mailed. If a student requires an official copy of term grades for reimbursement purposes, a copy may be requested by emailing regrec@elmhurst.edu.

Transcripts

Transcripts of the academic record show students' courses and grades, current standing with the University and, for graduates, the degree, major(s), minor and academic honors. Transcripts are issued for any current or prior student. The fee for each official transcript is $10.25 for electronic transcripts and $12 for paper transcripts which are sent by the National Student Clearinghouse. To order a transcript, go to elmhurst.edu/transcript.

Unofficial Transcripts

Unofficial transcripts are available without needing access to your myElmhurst portal. As long as you completed your studies after 2003, the Self-Service app (ss.elmhurst.edu) is all you need. If your records are from prior to 2003, you'll need to order transcripts from through National Student Clearinghouse. For more information for former students, please see: https://elmhurst.teamdynamix.com/TDClient/1779/Portal/KB/ArticleDet?ID=155537

Registration

Policies and Procedures

Students are responsible for their own registration (adding, dropping and changing course grading preference). By registering for courses at Elmhurst University, the student acknowledges that they are entering into a contractual arrangement with Elmhurst University, whereby they agree to comply with all laws, rules and regulations applicable to their registration, payment of fees, enrollment and attendance. All students are responsible for reviewing, understanding and abiding by the University's regulations, procedures, requirements and deadlines as described in official University publications.

Degree-seeking students must be admitted to the University prior to the registration process, except for January Term and Summer Term. Students previously admitted but not registered in the current term must be re-instated or readmitted unless they have been granted a leave of absence.

Students with an administrative hold may not register until resolved. There are three types of administrative holds:

- **Business holds** prevent current students from registering for a new term unless all financial obligations to the University are completed or arrangements are made with the Office of Student Financial Services.
- **Advisor holds** may be placed if a student has not conferred with his or her faculty or academic advisor before registering.
- **Judicial holds** are placed by the Division of Student Affairs if a student fails to appear for an administrative hearing with a designated University official or fails to complete a sanction assigned through the University's disciplinary process.

Credit Load

The typical credit load for a full-time undergraduate student is four units of credit (16 semester hours) for Fall Term and Spring Term and up to one unit of credit (4 semester hours) in January Term. Although registration in Summer Term is optional, the maximum load for all students is 2.25 credits at the same time.

Undergraduate students who have a 3.0 or above grade- point average are eligible to overload (enroll in a maximum of 6.0 credits) during the Fall and Spring terms. Overloads are not permitted during January and Summer terms. To request an overload, the student should submit the Add/Drop request on the portal after conferring with their advisor and the Office of Student Financial Services as there are overload fees.

Graduate students should refer to their specific program regarding typical credit load for Fall, Spring and Summer Terms. Up to one unit of credit (4 semester hours) is permitted during January Term.

Adding and Dropping Courses

During the first week of each term, students may add or drop courses via Self-Service by the deadline specified on the Office of the Registrar Calendar. After the first week of classes, students are expected to complete the courses for which they are enrolled. A student who finds it necessary to drop a course after the first week of classes must withdraw officially from the course by dropping it on Self-Service. For a course officially dropped on or before two-thirds of its completion, a W (withdrawal) will be entered on a student's permanent record. A student who does not follow these procedures will receive the grade earned for the course(s) not completed.

It is recommended that students confer with their advisor before dropping courses. First-year students must obtain their advisor's approval during their first term. Advisors should submit an Add, Drop or Grade Change Preference request on first-year students behalf to adjust their schedules.

Withdrawing From the Term

If a student needs to drop all courses after the first week of the term but intends to return for the following term, they must submit the University Withdrawal Form. This form indicates their withdrawal from the current term while maintaining an active status in their program, allowing them to register for the upcoming term. Upon submission of the form, the student's courses will be dropped accordingly and their program kept active.

Changing Course Grading Preference

To request a change in grading preference after initial registration, students must submit an Add, Drop of Grade Change Preference request found on the Elmhurst University portal. Students may request a change in grading preference up until the deadline specified on the Office of the Registrar Calendar for each term.

Pass/No Pass Grading Preference

A Pass grade (P) indicates a student has successfully completed the work in a course. A grade of No Pass (NP) is recorded if the work in the course is not completed at a passing level. No academic credit is awarded for No Pass courses. Pass/No Pass grades are not calculated in the grade-point average. Students may elect to take no more than a total of one unit of credit (4 semester hours) per term on a Pass/No Pass basis. No more than six units of Elmhurst University credit (24 semester hours) graded on a Pass/No Pass basis may be counted toward the minimum number of courses required for graduation. Integrated Curriculum, major/minor courses and mathematics courses required for the Bachelor of Science degree cannot be taken Pass/No Pass unless that is the only grading option. Students should confer with their advisor before choosing the Pass/No Pass option to fully understand all academic ramifications.

Audit Grading Preference

Students may choose to Audit courses in which they are enrolled and have met the prerequisites. Under this option the student's obligation is to attend the course. Tests and other forms of evaluation are optional. No credit is earned toward graduation, but an entry of Audit is included on the permanent record. Standard fees are charged for courses taken with Audit grading. It is recommended that students confer with their advisor before choosing the Audit option to fully understand all academic ramifications.

Registration

Non-Degree Study

Students interested in taking one or more undergraduate level courses without seeking admission to a bachelor's degree program are considered non-degree. **Students interested in graduate level courses will need to contact the Office of Graduate Admissions.**

Policy

Upon registration, non-degree students are responsible for attending class, complying with the university's add/drop deadlines, and adhering to all other regulations, as well as payment upon receipt of billing. Failure to attend the course(s) will result in the grade earned and responsibility for the associated tuition costs. Non-degree students must notify the Office of Registration and Records via email (regrec@elmhurst.edu) by the drop deadline specified on the Registration & Records Calendar if they intend to withdraw from any course(s).

Students who wish to change their status from non-degree to degree-seeking must make formal application for admission in the Office of Admission. The admission decision is based upon a review of the transcripts of all previous collegiate academic work and the student's academic performance at Elmhurst University.

Procedure

To start undergraduate non-degree registration, students should follow these steps:

1. Search for available courses on Self-Service.

2. Review the cost and fees associate with the course(s). Contact the Office of Student Financial Services with any questions regarding this.

3. Check out the Office of the Registrar Calendar for important add/drop deadlines.

4. Submit the Non-Degree Registration Form

If a course requires a pre-requisite, non-degree students must send an unofficial copy of their transcript to the department chair prior to submitting the Non-Degree Registration Form. The approval received should be attached to the form upon submission.

Registration

Sixty-Plus Program

Persons 60 years old or older may register for undergraduate courses on a non-degree basis for a reduced fee per course. Registration is permitted on a space-available basis, only during the first week of class. A maximum of one course per term may be taken by a person in this program. Courses taken under the Sixty-Plus Program will not count toward a degree and are offered on an audit/noncredit basis.

Please follow these steps to complete Sixty-Plus registration:

1. Search for an available course on **Self-Service.**

2. Fill out the **Non-Degree Registration Form** on the first day of the term and check your email for registration updates.

3. Contact the Office of Student Financial Services for payment.

Title IX

Enacted in 1972, Title IX of the Education Amendments of 1972 ("Title IX") is a federal law that prohibits sex discrimination in federally funded education programs and activities. Title IX states: "No person in the United States shall, on the basis of sex, be excluded from participation in, be denied the benefits of or be subjected to discrimination under any education program or activity receiving federal financial aid." Providing an environment free from sex discrimination is of the highest priority for Elmhurst University (the University). All students, employees, and applicants are protected under Title IX.

Sexual assault, stalking, dating violence, domestic violence, *quid pro quo* harassment, and hostile environment harassment are all considered forms of sex discrimination, and are prohibited at the University. Preventing and remedying these forms of misconduct is a campus-wide responsibility, led by the University's Title IX Office. The Title IX Office oversees the implementation and enforcement of the appropriate policy requirements in the University's Non-Discrimination and Non-Harassment Policy, located here: elmhurst.edu/titleix. This policy provides extensive guidance on Title IX reporting, investigation procedures and institutional requirements. In addition, the University is deeply committed to eliminating sex discrimination through training and educational programs. The Title IX Office works closely with campus and community partners to strengthen our prevention and response efforts.

In addition to Title IX, Elmhurst University complies with all related federal, state, and local laws addressing sex discrimination and sexual violence, including the Campus Sexual Violence Elimination Act, the Violence Against Women Reauthorization Act, and the Illinois Preventing Violence in Higher Education Act. Any inquiries regarding Title IX should be directed to the University's Title IX Coordinator, who is trained in trauma-informed responses to sex discrimination. The Title IX Coordinator may be contacted at titleix@elmhurst.edu.

Transfer Credit

Courses are accepted in transfer if they were earned at a regionally accredited college or university and are either comparable to courses offered at Elmhurst University or commonly regarded as study in the liberal arts. Coursework completed at grade level D or better will be awarded transfer credit. Although transfer courses in which F grades were earned will not receive Elmhurst University credit, these grades are posted on the Elmhurst University transcript and calculated in the combined grade-point average. **All official transcripts or score reports of prior work, including alternate sources of credit (see following page), must be submitted to the University within the first term of enrollment at Elmhurst University.**

Unit of Credit: One unit of credit at Elmhurst University is equivalent to four semester hours or six quarter hours of transfer credit.

Acceptance of transfer credit toward the major is determined by the appropriate department chair. Students must successfully complete credits in the major field at Elmhurst University equal in number to at least one-half the total units of credits required for the major.

Courses taken at a community college will not fulfill any of the 10 course credits required at the 300/400 level.

Transfer Grade-Point Average

Transfer students begin with a grade-point average based on all college-level courses attempted for letter grades at previous institutions. Graduation honors are based on the combined grade-point average of all transfer and Elmhurst University courses attempted for a letter grade.

Collegiate Instruction

A maximum of 24 units of credit (96 semester hours) may be presented from four-year institutions toward the fulfillment of the minimum course requirement. Under certain circumstances, the University may accept courses taken at four-year colleges beyond the 24 credit limit (96 semester hours) as excess credit, raising the number of credits needed to graduate.

A maximum of 17.50 units of credit (70 semester hours) may be presented from two-year institutions toward the fulfillment of the minimum course requirement. Under certain circumstances, the University may accept courses taken at two-year colleges beyond the 17.50 credit limit (70 semester hours) as excess credit, raising the number of credits needed to graduate.

Concurrent Enrollment and Transfer Credit

Under exceptional circumstances, students enrolled at Elmhurst University may wish to enroll in courses at other institutions and apply credits earned toward their degrees at Elmhurst University. Appropriate forms are available in the Office of Advising. **The written permission of the Vice President for Academic Affairs (VPAA), or their designee, must be obtained prior to registration at any other institution.**

Once students are enrolled at Elmhurst University, they may present courses from accredited institutions toward the graduation requirements for Elmhurst University only if they received prior endorsement from their advisor and received permission from the VPAA or their designee.

Reserve Officer Training Corps (ROTC) Credit

The ROTC is a national program designed to train students to become future officers in the United States Army. Eligible students who enroll in the ROTC program will complete their education at Elmhurst University while conducting their military training at Wheaton College. The completion of Military Science (MSCI) courses takes place freshman through senior years following a designated sequence culminating in the accrual of 28 semester hours that will be transferred to Elmhurst University equivalent to general elective credit towards required hours for graduation. Wheaton College will supply the Elmhurst University Office of Registration and Records with official transcripts for the purposes of applying the transfer credit to the students' Elmhurst records.

Alternate Sources of Credit

Elmhurst University provides alternatives by which students may obtain credit for areas in which they are competent. Three general principles govern:

- A maximum of eight units of nontraditional credit (32 semester hours) may be counted toward the graduation total.
- Credit cannot be awarded that duplicates credit awarded through regular courses or other nontraditional sources.
- Requests for nontraditional credit are subject to approval by department chairs,

Credit from all alternate sources must be awarded and recorded in the Office of the Registrar no later than six months prior to the date of graduation.

Credit for Noncollegiate Instruction

Students may be eligible for college credit for coursework completed through associations, corporations, unions, government agencies and the military services. To be considered for such credit, students present the University with documentation of coursework upon submission of the application for admission. Credit for noncollegiate instruction applies only to lower-level elective requirements and cannot duplicate any prior or required coursework.

Transfer Credit

Advanced Placement (AP)

The Advanced Placement program of The College Board gives students an opportunity to pursue college-level study while still in high school and to receive college credit by examination. Advanced placement (AP) courses based on a standard curriculum are offered in many high schools, and AP examinations are given during May by the Educational Testing Service.

AP examinations are prepared and scored by national committees of college and high school teachers on the following scale: 5, extremely well qualified; 4, well qualified; 3, qualified; 2, possibly qualified; and 1, no recommendation. Score reports are sent in July to the colleges each student designates at the time of the examination. Elmhurst University's AP code is 1204.

Elmhurst University grants credit for examination scores of 3 or above, toward Integrated Curriculum requirements (refer to the Integrated Curriculum section of this catalog) or major, minor and/or elective credit as indicated on the following chart. Each examination may earn from 0.75 to 1.00 credits (three to four semester hours), and credit is awarded upon receipt of official scores from The College Board. While Elmhurst University will accept all approved AP scores of 3 or higher for credit, any amount over the maximum of eight course credits will increase the minimum graduation total. AP credit does not count toward the graduation requirement of 10 credits at the 300/400 level.

For further information regarding AP examinations, students should contact the Office of Advising.

Advanced Placement Examinations

Exam	Course Credit*	Integrated Curriculum Credit	Equivalent Course **
Art History	1.0	Historical Analysis	ART 341
Studio Art (All Genres)	1.0	Fine Arts	
Biology	1.0	Life Science	BIO 100
Calculus AB	1.0	Math Proficiency	MTH 151
Calculus BC	1.0	Math Proficiency	MTH 151 & MTH 152
Capstone Research & Seminar ***	1.0		Elective Credit
Chemistry	1.0	Physical Science; Quantitative Tag	CHM 211
Chinese Language & Culture	1.0	World Lang. Proficiency	
Computer Science A	1.0		CS 220
Computer Science Principles (Score of 3)	1.0		Elective Credit
Computer Science Principles (Score of 4 or 5)	1.0		CS 111
Macroeconomics	1.0		ECO 211
Microeconomics	1.0		ECO 210
English Language	1.0	Writing Proficiency	ENG 105
English Literature	1.0	Literature	ENG 200
Environmental Science	1.0	Physical Science; Quantitative Tag	ES 200
French Language(Score of 3)	1.0	World Lang. Proficiency	FRN 202
French Language(Score of 4 or 5)	1.0	World Lang. Proficiency	FRN 301
German Language(Score of 3)	1.0	World Lang. Proficiency	GRM 202
German Language(Score of 4 or 5)	1.0	World Lang. Proficiency	GRM 301
Comparative Government & Politics	.75	Social & Political Analysis	POL 301
United States Government & Politics	.75	Social & Political Analysis	POL 201
European History	1.0	Historical Analysis	HIS 112
United States History	1.0	Historical Analysis	HIS 102
World History	1.0	Historical Analysis	HIS 116
Human Geography	1.0	Social & Political Analysis	GEO 111
Italian Language & Culture	1.0	World Lang. Proficiency	
Japanese Language	1.0	World Lang. Proficiency	
Latin Literature	1.0	World Lang. Proficiency	
Music Theory ****	1.0	Fine Arts	
Precalculus	1.0	Math Proficiency	MTH 132
Physics 1	1.0	Phys. Sci.; Quantitative Tag	PHY 111
Physics 2	1.0	Phys. Sci.; Quantitative Tag	PHY 112
Physics C: Mechanics	1.0	Phys. Sci.; Quantitative Tag	PHY 121
Physics C: Electricity and Magnetism	1.0	Phys. Sci.; Quantitative Tag	PHY 122
Psychology	.75	Cognitive & Behavioral Sci.	PSY 210
Spanish Language(Score of 3)	1.0	World Lang. Proficiency	SPN 202
Spanish Language(Score of 4 or 5)	1.0	World Lang. Proficiency	SPN 301
Spanish Literature	1.0	World Lang. Proficiency	SPN 452

Statistics	.75	Quantitative Tag	MTH 345

* 1.0 Course Credit = 4 Semester Hours or 6 Quarter Hours

** If an equivalent course exists

*** Both the Capstone & Research Seminar courses must be completed with a score of 3 or higher to receive credit

**** Music majors may earn credit for Music Theory I (MUS 135) after determination by the Music Department

Transfer Credit

International Baccalaureate (IB)

The International Baccalaureate (IB) Diploma Program is a rigorous two-year secondary school curriculum leading to examinations that allows graduates to fulfill the requirements of several national educational systems. Courses are offered at the standard level, representing 150 teaching hours, or the higher level, representing 240 teaching hours.

IB courses are graded by a variety of techniques, involving both conventional techniques (essay, short answer, multiple choice) as well as the evaluation of coursework by teachers. Individual subject examinations are graded on a seven-point scale: 7, excellent; 6, very good; 5, good; 4, satisfactory; 3, mediocre; 2, poor; and 1, very poor. International Baccalaureate examinations are held at multiple times each year. Elmhurst University grants credit toward Integrated Curriculum requirements, major/minor requirements, or elective credit for examination scores of 5 or above on higher-level examinations only. No credit is granted for standard-level examinations. Each examination may earn from 1.00 to 3.00 credits (4 to 12 semester hours), and credit is awarded upon receipt of an official grade report. A maximum of 8 credits (32 semester hours) may be counted toward the graduation total.

For further information regarding International Baccalaureate examinations, students should contact the Office of Advising.

International Baccalaureate Examinations

IB Exam	Course Credit*	Integrated Curriculum Credit	Course
Biology	1.0	Life Science	BIO 100
Business & Management	1.0		BUS 250
Chemistry	1.0	Physical Science	CHM 211
Classical Greek	2.0		
Computer Science	3.0		CS 220, CS 255, CS 310
Dance Arts	1.0	Fine Arts	THE 221
Design Technology	1.0		
Economics	2.0		ECO 210, ECO 211
English A: Literature	2.0	Writing Proficiency; Literature	ENG 105, ENG 200
English A: Language & Literature	2.0	Writing Proficiency: Literature	ENG 105, ENG 200
Film Arts	1.0	Fine Arts	
French A1, A2, B	2.0	World Language Proficiency	FRN 202
Geography	1.0	Social & Political Analysis	GEO 111, GEO 112
German A1, A2, B	2.0	World Language Proficiency	GRM 202
History (All topics)	2.0	Historical Analysis	HIS major
ITGS (Info Tech Global Society)	1.0		
Italian A1, A2, B	2.0	World Language Proficiency	ITL 202
Latin	2.0		
Math Analysis & Approaches	2.0	Math Proficiency	MTH 151, MTH 152
Math Applications & Interpretation	2.0	Math Proficiency, Quantitative Reasoning Tag	MTH 151, MTH 346
Music Arts	1.0	Fine Arts	
Norwegian A: Literature	2.0	World Language Proficiency	
Philosophy	1.0	Inquiry into Ethics & Justice	PHL 210
Physics	2.0	Physical Science	PHY 121–122 if credit also received for IB Mathematics; PHY 111–112 if no credit for IB Mathematics
Psychology	1.0	Cognitive & Behavioral Sciences	PSY 210
Social Anthropology	1.0	Social & Political Analysis	SOC 212
Spanish A1, A2, B	2.0	World Language Proficiency	SPN 202
Theatre Arts	1.0	Fine Arts	THE 227
Visual Arts	1.0	Fine Arts	

*One credit equals four semester hours.

College Level Examination Program (CLEP)

Through CLEP, students may be able to earn college credit by passing an exam in a variety of subject areas. If a student has a strong background in English literature, for example, he or she may wish to take the literature CLEP exam to earn a general education credit in that discipline. CLEP credit usually counts toward Integrated Curriculum requirements or electives. It rarely is accepted for major credit. Offered by The College Board, CLEP is ideal for students looking for additional ways to complete some Integrated Curriculum requirements. Credit for CLEP exams applies only to level 100- or 200-level courses. For more information, contact the Office of Advising.

CLEP Exam	Credit	Required Score	Integrated Curriculum Credit	Equivalent
COLLEGE COMPOSITION	1.0	50	ENG 105 Proficiency	ENG 105
ANALYZING & INTERPRETING LITERATURE	1.0	53*	Literature	ENG 200
AMERICAN LITERATURE	1.0	50	Literature	ENG 200
ENGLISH LITERATURE	1.0	50	Literature	ENG 200
AMERICAN GOVERNMENT	1.0	50	Social and Political Analysis	POL 201
HUMAN GROWTH & DEVELOPMENT	1.0	52		PSY 315
INTRODUCTORY PSYCHOLOGY	1.0	50	Cognitive & Behavioral Sciences	PSY 210
INTRODUCTORY SOCIOLOGY	1.0	50	Cognitive & Behavioral Sciences	SOC 101
SOCIAL SCIENCES AND HISTORY	1.0	50		ELECTIVE
WESTERN CIVILIZATION I: ANCIENT NEAR EAST TO 1648	1.0	50	Historical Analysis	HIS 111
WESTERN CIVILIZATION II: 1648 – PRESENT	1.0	50	Historical Analysis	HIS 112
US HISTORY I: EARLY COLONIZATION-1877	1.0	50	Historical Analysis	HIS 101
US HISTORY II: 1865-PRESENT	1.0	50	Historical Analysis	HIS 102
HUMANITIES	1.0	50		ELECTIVE
COLLEGE MATHEMATICS	1.0	50	Mathematics Proficiency	MTH 110
COLLEGE ALGEBRA	1.0	50	Mathematics Proficiency	MTH 121
PRE-CALCULUS	1.0	50	Mathematics Proficiency	MTH 132
CALCULUS	1.0	50	Mathematics Proficiency	MTH 151
INFORMATION SYSTEMS	1.0	50		CS 111
BIOLOGY	1.0	50	Life Science	BIO 100
CHEMISTRY	1.0	50	Physical Science	CHM 211
NATURAL SCIENCES	1.0	50		ELECTIVE
ELEMENTARY FRENCH	1.0	50	World Language Proficiency	FRN 102
ELEMENTARY GERMAN	1.0	50	World Language Proficiency	GRM 102
ELEMENTARY SPANISH	1.0	50	World Language Proficiency	SPN 102
INTERMEDIATE FRENCH	1.0	62	World Language Proficiency	FRN 202
INTERMEDIATE GERMAN	1.0	63	World Language Proficiency	GRM 202
INTERMEDIATE SPANISH	1.0	66	World Language Proficiency	SPN 202
SPANISH WITH WRITING: LEVEL 1	1.0	50	World Language Proficiency	SPN 102
SPANISH WITH WRITING: LEVEL 2	1.0	65	World Language Proficiency	SPN 201
FINANCIAL ACCOUNTING	1.0	50		BUS 261
PRINCIPLES OF MACROECONOMICS	1.0	50		ECO 211
PRINCIPLES OF MICROECONOMICS	1.0	50		ECO 210
INTRODUCTORY BUSINESS LAW	1.0	50		BUS 365
PRINCIPLES OF MARKETING	1.0	50		BUS 230
PRINCIPLES OF MANAGEMENT	1.0	50		BUS 250

1.0 Course Credit = 4 semester hours

* 90-min essay required & administered by the Office of Advising – advising@elmhurst.edu.

Notes - Credit must be posted at least 6 months prior to graduation. CLEP credit cannot be granted for duplicate courses completed at a college or university. CLEP credit cannot be used to fulfill Skills or Values Tags within the Integrated Curriculum.

Transfer Credit

Illinois Articulation Initiative (IAI)

The Illinois Articulation Initiative (IAI) allows students to complete a prescribed set of general education core curriculum courses at an Illinois college or university and transfer those courses as a package to another. Elmhurst University recognizes the IAI status for transfer students when an official college transcript indicates IAI completion with either a statement like "Completed the Illinois General Education Core Curriculum" or the conferring of an associate of arts or science degree. Elmhurst University will evaluate courses in accordance with the University's requirements and the IAI policy. The IAI core curriculum must be completed and associate degree awarded prior to enrollment at Elmhurst University.

As Elmhurst University is a strong liberal arts institution, each area from the following should be represented in students' coursework:

- Inquiry into Ethics and Justice
- Religious Studies in Context
- Literature
- Fine Arts
- Historical Analysis
- Social and Political Analysis
- Cognitive and Behavioral Sciences
- Physical Science
- Life Science

These can be filled by native students at Elmhurst University through the Integrated Curriculum (IC); transfer students also are expected to have similar exposure to each of the areas. With the completion of the IAI curriculum, the nine Areas of Knowledge within the Elmhurst University Integrated Curriculum will be considered fulfilled. In addition, four of the seven Skills and Value Tags will also be considered complete – Oral Communication (O), Quantitative Reasoning (Q), Intercultural Global Engagement (G) and Intercultural Domestic Engagement (D). The IAI curriculum applies only to Areas of Knowledge and these four named tags. It does not in and of itself satisfy any other components of the Integrated Curriculum (such as other tags, proficiencies and developmental experiences). These other components may be fulfilled with course to course evaluations of transfer coursework.

Withdrawing from the University

Withdrawing from the University

Should it be necessary for a student to withdraw from the University, they must submit the University Withdrawal form via Etrieve. The effective date of withdrawal is determined by the date that the student submits the form. Students are unable to drop all of their courses in Self-Service, therefore any remaining courses the student is enrolled in will be dropped with the effective date of withdrawal when the form is processed. After the last day to drop without a "W" grade (see Office of the Registrar Calendar), withdrawal forms will not be processed until the end of the term.

Students withdrawing from the University will be responsible for all financial obligations incurred. The University may be required to return a portion or all of the funding for those students receiving federal and/or state aid. The timing of a student's withdrawal will impact the amount of tuition charged and could impact the balance due.

If a student believes that the recorded withdrawal date does not accurately reflect their last date of attendance, they may request a review and amendment of their records.

Withdrawing from the University

Withdrawal Policy for Military on Active Duty

Any currently enrolled student going on active military duty must consult with the Veteran School Certifying Official in the Office of Student Financial Services. In partnership with the Offices of Advising and the Office of the Registrar, a determination will be made whether to withdraw from all registered courses or to request incomplete grades and complete the courses later. If the student needs to withdraw or take a leave of absence, the Offices of Advising, Student Affairs and the Registrar will process the appropriate paperwork.

Students receiving educational benefits through the military are advised to contact the School Certifying Official in the Office of Student Financial Services before withdrawal, as it may affect their benefits.

If the student requests incomplete grades for the current term, no tuition aid adjustments will be made to the student's account and the student will be given permission to extend payment of any outstanding balance due. If the term of active duty is extended beyond a reasonable period of time, as determined by the instructor and registrar, the student's grades will be changed to W (withdrawal) and tuition charges will be adjusted so the student is not penalized financially for the withdrawal. Students presenting an original copy of their orders to the Office of Student Financial Services will be allowed to withdraw from current term courses without financial penalty.

Students who live on campus and are required to report for military service will be released from residence life and food service contract obligations.

Charges for housing and food service will be prorated based on the date the student checks out of their room or apartment.

Withdrawing from the University

Program Reinstatement

Undergraduate students that have not attended another college since leaving Elmhurst University and have been enrolled at Elmhurst University within the last 5 years can submit the Program Reinstatement form.

Once reinstated, students should first meet with their advisor to discuss their academic plan and select courses to register for. They then will receive a registration date and time for the upcoming term.

Graduate students should refer to Graduate Studies section of this catalog for additional information.

Academic Honesty

Academic life presupposes honesty with respect to work that students present. Failure to follow such practice in assignments or examinations will subject the student to disciplinary action. For details, consult the Code of Academic Honesty in the Elmhurst University Student Handbook, which is available from the Division of Student Affairs or on the University website.

Class Attendance and Examinations

Official University policy is that students are expected to be present at classes and examinations. Registration for future terms is not an appropriate activity for missing classes. Faculty members shall grant permission to make up class attendance, class work and examinations if the absence is due to illness or emergency, order from the U.S. military, participation in a University sponsored activity, or death in the family. Each faculty member has the right to establish additional regulations or appropriate conditions for absence and make-up work provided such regulations do not override established University policy.

Final examinations are given at the end of each term as part of the instruction procedure. Final examinations must be taken at the regularly scheduled times. If students are prevented from being present at announced tests by one of the previously mentioned circumstances, they may be permitted to make up the tests and should contact the course instructor to complete arrangements.

Non-Discrimination and Non-Harassment Policy

It is the policy of Elmhurst University (the University) to afford equal opportunity and not discriminate, harass, or retaliate against students, employees, and applicants regardless of race, color, religion, sex, pregnancy, disability, national origin, citizenship status, work authorization status, ancestry, age, order of protection status, genetic information, marital status, sexual orientation, gender identity, gender expression, transgender status, arrest record status, political affiliation, military status, veteran's status, or other protected statuses under applicable federal, state and local law.

The University acts in compliance with the requirements of Title IX of the Education Amendments of 1972 ("Title IX"). Title IX is a federal law that prohibits sex discrimination in federally funded education programs and activities. Title IX states: "No person in the United States shall, on the basis of sex, be excluded from participation in, be denied the benefits of or be subjected to discrimination under any education program or activity receiving federal financial aid."

Any inquiries regarding Title IX should be directed to the University's Title IX Coordinator, who is trained in trauma-informed responses to sex discrimination and is responsible for implementing and monitoring Title IX compliance on behalf of the University. The Title IX Coordinator may be contacted at titleix@elmhurst.edu. To access the University's Non-Discrimination and Non-Harassment Policy, please visit the Title IX webpage of the University's website at elmhurst.edu/titleix.

Student Name Changes

Student Name Changes

Elmhurst University is a welcoming community that values and embraces diversity and inclusion and respects the dignity of every individual. All current students are able to make changes to their nickname, chosen name, and legal name. Nicknames can be changed by the student on Self-Service at any time. Chosen and legal name changes must be made through etrieve. The Chosen or Legal Name Change forms can be found via Etrieve. Please email regrec@elmhurst.edu if you have any questions.

Once you submit your request for a name change, you will receive a confirmation email of your request. Upon approval and completion of the name change process, you will receive a second email with confirmation of completion and suggested next steps.

We will make every effort to approve and process your chosen or legal name change within five business days of receiving your request. Once processed, your name change will appear in your student records whenever possible, and will be reflected on your computer login, email account, and other University systems that display your name. After you receive confirmation of your name change, you may visit Public Safety to trade in your current Elmhurst University Jaypass for a new one. Your last name and chosen or legal first name will print on the front of your card as well as your Student I.D. You may replace your Jaypass one time annually free of charge. Should you notice that your chosen or legal name has not been updated in a certain system following receipt of confirmation that your request has been completed, please send an email to servicedesk@elmhurst.edu for assistance.

Nickname

This is a variation of your first name and can be changed by the student on Self-Service under User Profile.

Chosen Name

Your chosen name is the name by which you are generally known that is different from your legal name. The University will permit any student to identify themselves within the University information systems with a chosen name, in addition to their legal (full) name. No documentation is required to make changes to a chosen name.

The University will adhere to the following guidelines in administering the chosen name change:

- Chosen names must remain in effect for the entire academic year for which the name was changed. If a student desires not to continue the use of the chosen name during an academic year, their name will automatically default to their legal name for the remainder of the academic year.
- Chosen names will remain in effect until the student officially notifies the Registrar's Office of a change.
- The University reserves the right to review chosen names submitted to insure the integrity of the policy.
- The University reserves the right to remove, reject, or reconsider a chosen first name if it is used inappropriately, including but not limited to, avoiding a legal obligation or for the purpose of misrepresentation.

It is further understood that the student's chosen name may be used in University communications and reporting, except where the use of the legal name is legally required and/or mandated by the University or other external agencies.

Legal Name

Students wishing to officially change their legal name with the University will need to submit two pieces of current identification with the legal name change visible: government-issued photo identification and the name change document (i.e. a marriage certificate, divorce decree, or court document reflecting the name change). The student's legal name will be updated in University-related systems, business processes, and documents such as reporting, financial aid, transcripts, payroll and tax documents, and other records where the use of the legal name is legally required and/or mandated by the University or other external agencies.

University Email Use

University Email Use

All students are given an official Elmhurst University email address that is used for communication. Students are expected to regularly check their university-assigned email address for important information. Failure to read University communication that was sent to the student's assigned email address does not exempt the student from any content therein. The University does not assume responsibility for errors related to the use of mail clients or internet access.

Students have access to their official University email address for the duration of their academic studies at Elmhurst University. Students who graduate from Elmhurst University will retain access to their technology accounts, including email accounts, for six weeks after that academic year's Spring commencement date. Students who graduate in the Summer term will retain access for six weeks after Summer term ends.

Academic Advising

The academic regulations contained within this section are applicable to undergraduate students who begin their academic programs at Elmhurst University in the 2025–2026 academic year.

Elmhurst University regards academic advising as an important part of a faculty member's responsibility in guiding students toward reaching their full potential. The academic advising program offers each student the opportunity to work closely with a faculty and/or academic advisor to plan a coherent educational program appropriate to the student's interests and goals that will help the student fulfill the requirements for the bachelor's degree and aid the student in making good use of the resources of the University. These advisors can also assist students in the registration process, explain academic regulations and procedures, and ensure that students apply for graduation in a timely manner.

The final responsibility for the educational program and for meeting graduation requirements rests with the student.

Traditional Programs

Typically, students in traditional programs are assigned faculty advisors in their majors who meet with them regularly to explore academic interests, to discuss course selection for the upcoming terms, to help determine a major area of study and to investigate postgraduate pursuits. Students who have not yet declared a major upon reaching sophomore standing are assigned to an academic advisor in the Office of Advising.

In order for faculty or academic advisors to advise new students most effectively, the University recommends that all new students take the appropriate placement and proficiency tests prior to initial registration.

Each new traditional first-year student is assigned a first-year program faculty advisor. Advising conversations include discussion and decision-making regarding the student's major or area of interest, academic planning, goal-setting and making the most of campus resources. First-year students must meet with their faculty advisor prior to registration.

Dining Service

Dining Service

The University's dining service, managed by Chartwells, offers a variety of meal options and catering services for students, faculty, staff and visitors. Students residing in the University's residence halls are required to enroll in an Elmhurst University dining plan, with plan specifics outlined in the Housing License Agreement.

Additionally, à la carte options are available to all members of the campus community. Payments for food can be made using cash, Jaypass (dining card system), or debit/credit cards. Questions regarding the Jaypass system should be directed to the Office of Student Financial Services.

Dining facilities can be found on the mall level of the Frick Center, the Bluejays' Roost, the Coffee Bar in the Founders Lounge, and the Buehler Library Cafe. For any additional questions regarding dining plans or services, individuals may contact the Dining Service Office at (630) 617-3183. Information on dining hours and menus can also be found at https://dineoncampus.com/elmhurst.

El Centro de la Promesa Azul (Center of the Blue Promise)

El Centro de la Promesa Azul (El Centro) was established in September of 2023 to serve as a central hub for all activities and programs associated with the DHSI Title V Grant from the Department of Education. Located on the lower level of Niebuhr Hall, El Centro provides all members of the Elmhurst University community, but especially our growing Hispanic student population, with a culturally integrated resource center to engage their peers, participate in programs to enhance student success, health and wellness, and capacity building as future leaders. El Centro collaborates across the university with offices and departments to connect students to the resources needed to excel in their chosen areas of study. Partners include the Learning Center, Student Financial Services, the Office of Student Affairs, the Office of Global Engagement and the Office of Admission.

TEAM
Meriza Candia-Thompson - Director, El Centro de la Promesa Azul
Elizabeth Quirarte - DHSI Health and Wellness Coordinator
Cynthia Diaz - High Impact and Community Outreach Coordinator

Programs

Programming in El Centro seeks to connect students with culturally relevant concepts to enhance student success, health and wellness, high impact learning opportunities, community engagement, and post-graduate opportunities:

- Family University
- Tutoring Services
- Wellness Programming on mental, emotional and social self-care
- Financial Literacy
- Career Planning and Internships
- Student led events and activities

International Student Services

Elmhurst offers a variety of services to international students who come to the University to study. Students entering the country on a non-immigrant F-1 student visa are required to maintain contact with the University's International Student Services staff throughout their course of study in order to maintain lawful status in the U.S.

Prospective international students are encouraged to visit the University's website at elmhurst.edu for information regarding the University's admission process and educational opportunities, as well as information specifically designed for international applicants.

The Learning Center

The Learning Center offers services to support the academic performance of all Elmhurst University students. Sessions are structured to promote principles of effective, self-regulated learning and academic management. Areas of tutoring include math, statistics, writing, academic reading, biology, kinesiology, psychology, study strategies, executive functioning strategies and special test-taking preparation (i.e., ACT, GRE, TAP).

Students are encouraged to visit the Learning Center at any point of their learning process to work one-on-one or in small groups with a tutor. Activities are designed to guide students toward developing and refining skills and strategies they will need to participate and succeed in college classes and their professional careers.

The Learning Center also houses Student Accessibility Services. Elmhurst University will make accommodations for students with disabilities based on the presentation of appropriate documentation. For more information, students should contact Dr. Linda Harrell, Director of Student Accessibility Services, at linda.harrell@elmhurst.edu or (630) 617-6448.

Student Support Services and Intervention

Student Support Services and Intervention provides a program for proactive identification, intervention, and response for students experiencing or causing distress in the campus community. The Director oversees the University's Care Team which is a multi-disciplinary team that meets weekly to discuss students of concern across campus and create coordinated action plans. All members are committed to providing early interventions, advocacy, referrals and follow-up services for students who are experiencing difficulties.

The Wellness Center

The Wellness Center is home to student Health Services and Counseling Services.

Student Health Services

Student Health Services welcomes all students and provides them with holistic, compassionate, fair, equitable, and evidence- based quality, affordable health care. Student Health Services is staffed by nurse practitioners and overseen by a licensed internal medicine physician. We encourage students to explore the many facets of wellness, preparing them to be healthy, thoughtful global citizens. Services include evaluation and treatment of acute illness or injury, gynecological care, sexual health services, physical exams, immunizations, prescription and over-the-counter medications, lab work, vaccines, health education, and referrals. Visits to Student Health Service are confidential and free of charge. There are nominal fees for prescription medications, vaccines, and lab work. Students may pay with cash, credit card, or charge to their student account. Health insurance cannot be billed, but a receipt will be provided.

Counseling Services

Students sometimes experience difficulties that can complicate and undermine success in their academic and personal lives. The Elmhurst University Counseling Services (EUCS) staff provides a variety of services in a confidential setting to help students understand their problems and themselves, achieve more satisfying relationships, improve their academic performance, and make more effective career and life choices. These services include individual, couples, and group counseling, psycho educational workshops and programming, case management and referral, and a variety of self-help materials.

All students meet with a counselor for an initial assessment. At this meeting, the counselor will work with the student to determine if the services at EUCS best meet the student's needs or if a community referral would be more appropriate. All EUCS appointments are free of charge and included in tuition. All EUCS services are private and confidential, except in very limited circumstances as authorized or required by law. Counseling records are not part of the student's academic record.

Students also have access to TAO and Uwill. TAO (Therapy Assistance Online), is an online mental health platform that provides a variety of resources for managing mental health issues. Uwill offers students free immediate access to teletherapy through an online platform, as well as a mental health crisis line. Uwill is private, secure and confidential.

Department of Public Safety

The Department of Public Safety (630-617-3000) provides continuous, around-the-clock presence and resources to the campus community, also serving as the central contact point for Facilities Management and Residence Life during non-office hours. Public Safety responds to and documents incidents, emergencies, calls for service, and conducts investigations as appropriate. This department prepares mandated security-related disclosure documents to meet the compliance requirements of federal and state legislation; develops policies, procedures, systems and staffing to minimize dangers for campus constituents and safeguard the assets of the institution; and emergency planning for the University and the development of systems and procedures to manage hazardous and/or disaster situations. It serves as the primary interface with local and regional emergency response agencies; ensures appropriate training on risk management related issues to students, faculty and staff of the University, including fire safety, crime prevention, emergency response, and traffic management; develops necessary policies and procedures for the use of campus vehicles; and creates and maintains driver training programs and background screening criteria to prepare drivers to meet the safety requirements articulated in the University's policies and procedures.

Equity and Inclusion

The Office of Equity and Inclusion, under the direction of the Executive Director of Belonging and Inclusion, seeks to increase intercultural awareness, appreciation and respect for all students and members of the Elmhurst University community through creative, active and intentional programs promoting the understanding of unique cultural and ethnic heritages, as well as awareness of local and global humanitarian issues. The office supports all students and student organizations across an array of culturally rich and distinct backgrounds and actively reaches out to support students in assessing and evaluating individual experiences at Elmhurst University. It also supports students in the journey towards academic success and fosters a welcoming and growth-oriented campus experience.

The office provides programs for all students that are educational, challenging, interactive and fun. Through these efforts, the goals are to champion the movement toward multicultural appreciation; to help facilitate the individual acquisition of the attitudes, skills and knowledge needed to function positively and successfully in an increasingly diverse global society; and to provide an inclusive, welcoming, supportive and life-changing campus experience.

Extracurricular Activities

Extracurricular Activities

Guidelines for eligibility are presented in the Elmhurst University Student Handbook. Rules governing the College Conference of Illinois and Wisconsin (CCIW) are followed with respect to eligibility for intercollegiate athletics.

Housing and Residence Life

The Office of Housing and Residence Life provides a residential experience that keeps residents safe while ultimately building a strong, inclusive community. Housing and Residence Life oversees residential living, student staff recruitment and training, educational and social programs, and housing assignments and operations. They collaborate closely with Admission, Facilities Management, Student Financial Services, Student Billing, Event Services, Chartwells, Athletics, ELSA, Honors Program, Equity and Inclusion, Wellness Center, Student Involvement, the Orientation team, the Niebuhr Center, Student Conduct, Case Management, Title IX, and Public Safety. The University's residential inventory includes 1,006 bed spaces on campus in facilities that include six traditional residence halls (Dinkmeyer, Niebuhr, Cureton, Schick, Stanger and West) and independent living opportunities which include on-campus houses and apartments (Prospect and Elm Park).

Office of Housing and Residence Life

West Hall, South Entrance
190 Prospect Avenue
Elmhurst, Illinois 60126

reslife@elmhurst.edu
(630) 617-3150
elmhurst.edu/living-on-campus

Intercollegiate Athletics

With 21 varsity sports, Elmhurst University competes in the College Conference of Illinois and Wisconsin (CCIW), one of the top conferences in NCAA Division III athletics. The University is large enough to offer a wide choice of sports, but small enough that student-athletes can truly contribute. In the past decade, the Bluejays have won conference championships in wrestling, women's cross-country, women's track and field and men's basketball, with men's basketball team recently qualifying for NCAA post-season play and earning a spot in the Division III National Championship game. Individual athletes have competed at the NCAA Championships in four sports: women's cross-country, wrestling, and men's and women's track and field, with over 30 athletes earning All-American honors in the past decade. Most Elmhurst teams boast grade-point averages of 3.0 or higher, and student-athletes have won recent Academic All-America honors in six sports, with numerous teams recently winning academic honors. Over 300 student-athletes have achieved Academic All-Conference honors in the past few years. In the past 10 years, the number of Bluejay athletes has more than doubled, and today, more than 550 Elmhurst students participate in intercollegiate athletics.

Office of Student Affairs

The Vice President for Student Affairs (VPSA) serves as the Senior Student Affairs Officer (SSAO) and is responsible for working in collaboration with the faculty, academic affairs and the entire campus to lead student affairs staff in supporting a holistic student learning environment, enriching student campus life and activity, fostering student engagement for both residential and commuter students, building a strong intercultural campus community, advancing student leadership and civic engagement, and promoting student retention and success.

The VPSA oversees and manages the areas of public safety, housing and residence life, athletics, student health and counseling services, commuter services, sorority and fraternity life, the student center, student involvement, new student transition and retention, judicial affairs, the chaplaincy, conference and event services, sexual and interpersonal violence prevention and Title IX, and student support services and intervention. The vice president for student affairs is responsible for the administration of student life policies and procedures, and serves as student advocate to the faculty, administration and other University constituencies. Additionally, the VPSA advises students, parents, faculty, and others concerning campus life issues and the character and quality of students' out-of-class activities.

Office of Student Involvement & Frick Center

The Office of Student Involvement is dedicated to enhancing the holistic student experience through comprehensive programming, resources, and services, which promote campus vibrancy, personal development, and community engagement.

The Office of Student Involvement operates with the knowledge that students who are involved in extracurricular activities and programs benefit greatly in terms of academic, social, and personal development. Through our many offerings, students form a deep sense of connection to our campus community as well as learn the importance of balancing academics and extracurricular activities. Our office offers and oversees a variety of programs and services including campus wide programming, advising over 90 student organizations, sorority and fraternity life, commuter student services, student organization trainings, intramurals, Student Government Association, Union Board, Tyrrell Fitness Center and Tom Roberts Family Weight room. The Office also oversees the Frick Center including, Information Desk, Game Room and Bluejays' Roost.

Student Conduct and Community Standards

The Director of Community Standards serves as the chief student conduct officer for the University and leads efforts related to Elmhurst's Community Standards. This includes editing and enforcing the University's Student Handbook, which contains student and campus life policies. The Director of Community Standards receives and reviews reported policy violations, which includes student conduct policy violations, academic integrity violations, bias incidents, and threat assessment incidents,

and resolves reports through educational letters, acceptance of responsibility letters, or administrative hearings. The student conduct process is meant to be primarily educational and restorative by providing opportunities for students to reflect on their behavior, identify strategies to make better decisions in the future, and engage with the campus in positive ways.

Students are expected to engage in responsible conduct that reflects positively upon the University community and reflects good citizenship in the broader community. The University attempts to establish a climate that encourages ethical decision-making and student responsibility for individual and collective actions in an effort to maintain a safe and inclusive campus community. As such, students are expected to observe what is going on around them and respond to the best of their ability, which may include notifying University officials to influence a better outcome. Similarly, students are expected to report potential policy violations to the appropriate authorities, such as Community Standards, Public Safety, Housing and Residence Life, etc., either in person or through electronic reporting forms available at elmhurst.edu/IncidentReport.

Please see the Student Handbook for further information and all policies and procedures pertaining to student conduct.

The University Interfaith Chaplaincy

With deep roots and abiding relationships with the United Church of Christ that informs a strong foundation, the Chaplaincy is multi-religious and multi-faith in expression, and supportive of all students, faculty, staff and administration. The Chaplaincy supports members of our University as they seek to establish community and a sense of belonging and purpose in the world. In the building of our campus community, that spirit of engagement and intellectual activity is foundational for all students, faculty, and staff.

The Chaplaincy serves all faith traditions, and those with none, as it seeks to foster a diverse student body, one that mirrors the realities of the world. In addition to the Chaplain, other members of the office include 21 co-chaplains and advisors who represent multiple faiths and serve the campus community in a non-paid fashion. Fr. Tom Paul, Roman Catholic Chaplains and support for the Newman Center of Elmhurst University, Prof. Inam Haq, Muslim Chaplain and faculty members, and advisor to our Muslim Student Association, MSA, Rabbi Steven Bob and Rabbi Andrea Cosnowsky, Jewish Chaplains, faculty and advisors to Hillel at Elmhurst. All work to build a safe, joy-filled, and welcoming environment to grow and learn. Through group activities, worship, programs, study opportunities, lectures, retreats and community service, students are invited to participate in a host of ways that further their own religious and spiritual tradition while also exploring other expressions of faith. The Chaplaincy oversees the historic Holocaust Education and lectures of the University. It is also responsible for the Public Intellectual Life of the University and the emerging Critical Religious Literacy Project of the University.

The Spiritual Life Council, SLC , is the overarching organizational body the nurtures and engages the overall religious and spiritual life for students and all for the University. The Chaplaincy also provides counseling and support in times of transition and crisis working closely to support the University community. The role and journey inward and outward are key components in the life of the chaplaincy. Students find expression of the Chaplaincy's services also in groups such as:

- Bluejay Catholics and the Newman Center
- Muslim Student Association
- Women of Faith
- Queer and Faithful Students
- Hillel and Jewish Life
- Student Christian Movement, SCM, and the World Student Christian Federation
- Secular Students Association
- Fellowship of Christian Athletics, FCA
- Campus Crusade for Christ, CRU
- UCC Student Fellowship
- Hindu and Bahai Students
- Every National Campus Ministries

Emerging student groups are always evolving. The Spiritual Life Council, SLC, serves as the overseeing umbrella organization that seeks to foster and nurture a diverse, vibrant and dynamic student religious and spiritual life. SLC meets weekly at 5pm in the Blume Board room and is open to all students. Coupled to these student groups are faculty and staff groups, interfaith in nature and alum associations. The National Church Associates, NCA, of the United Church of Christ is also housed under the Chaplaincy.

Art Department

The Department of Art at Elmhurst University offers three programs of visual studies leading to either a Bachelor of Arts (B.A.) or Bachelor of Fine Arts (B.F.A.) degree—the studio art major, the art business major, and the graphic design major. The programs are designed to build on the strengths of a traditional core curriculum while encouraging individual artistic direction and supporting diverse career goals. Completion of a degree program provides the student with the academic background, technical foundation, and qualifications necessary to pursue graduate study or a career in the visual arts, communication, education, or a related field.

Along with the three majors, the department offers two minors—studio art and art history. The minors may be elected to accompany a major or chosen to support programs in other fields that interrelate with visual art.

Our curriculum prepares students for the demands and opportunities of professional careers in the dynamic fields of art and design. Central to our philosophy is the belief that creativity and innovation are skills and talents that can be cultivated and refined. Through a comprehensive approach that combines studio studies with historical and cultural frameworks, the program encourages critical assessment of the societal impact of art and design. Interdisciplinary studio studies and practice are emphasized as the cornerstone of our curriculum, recognizing that this approach encourages creative thinking, problem-solving, innovation through experimental risk-taking, and preparedness for the professional field. The students gain functional competence in visual organization, technical proficiency, and the ability to conceptualize and produce work that reflects perceptual acuity and conceptual understanding at a professional entry level upon graduation.

Department of Art's studios, computer labs and maker space feature the latest technology and specialized equipment essential for creative innovation and experimentation.

In addition to degree seeking students, the department also welcomes students who simply wish to explore their creative interests by taking individual art courses. Introductory studios are open to all students with or without previous art experience or special skills.

Other on-campus resources include a world-class art collection of Imagist and Abstractionist art. Comprising more than 150 works, this collection is on permanent display in the A.C. Buehler Library. In addition, the University has a vibrant art exhibition and a visiting artist program that each year hosts exhibitions by professional artists that include gallery talks and additional classroom contact.

BFA Program Information

Admission to the BFA program involves a portfolio review process. BFA program requirements include an additional four studio courses at 300/400 level—doubling the BA studio course requirements. The additional courses provide an opportunity to further develop skills and produce a comprehensive professional portfolio, increasing their chances to be admitted to a graduate MFA program.

Mission Statement

The Elmhurst University Department of Art's mission is to provide a supportive art education which fosters student development into responsible citizens who are empowered to create unique, innovative works of visual art and design using their distinct voice to engage complex issues through a multidisciplinary lens. As a department, we are committed to creating a transformative learning environment which highlights the essential role of art in both the microcosm of a comprehensive liberal arts education and the macrocosm of a global society. This environment encourages creative thinking, problem-solving, innovation through experimental risk-taking, technical proficiency, and preparedness for the professional field. We help students understand the role of art in reflecting and shaping societal values; this promotes a sense of responsibility toward the community and the world. Through supportive mentorship and rigorous curriculum, we encourage students to connect their artistic practice with broader intellectual and social contexts. Our graduates emerge from Elmhurst's Department of Art as professional artists and designers equipped with the knowledge, skills, and insight necessary to produce work which demonstrates a professional level of craftsmanship, contributes meaningfully to cultural discourse, and promotes the values of informed citizenship and ethical leadership.

Goals and Objectives

- **Cultivate Creativity and Innovation**: Develop students' ability to engage their creativity by synthesizing existing ideas in original ways, embracing innovation and risk-taking.
- **Enhance Problem-Solving Skills**: Equip students with the skills to effectively solve visual problems using knowledge of formal elements and design principles.
- **Develop Technical Proficiency**: Ensure mastery over the practical application of techniques, technologies, and methodologies for professional-level craftsmanship.
- **Promote Critical Thinking**: Encourage critical assessment of the societal impact of art and design, informed by historical and cultural contexts.
- **Improve Articulation and Presentation**: Strengthen students' ability to clearly present and articulate their creative visions, leading to a cohesive body of work.
- **Cultivate Global and Cultural Understanding**: Foster an understanding of how cultural concepts, values, and contexts shape art's historic and ongoing role in a diverse, global society.
- **Prepare for Professional Practice**: Help students succeed in the professional world by engaging in ethical practice, continuous learning, and standard expectations in the field.
- **Encourage Interdisciplinary Collaboration**: Promote the integration of concepts and techniques from various disciplines into creative practice.

Learning Outcomes

- **Creative Thinking**—Students will analyze, synthesize, experiment, and iterate to create original and innovative works of visual art and design.
- **Problem Solving**—Students will produce works of art and design that demonstrate using formal elements and principles of design to solve visual problems, particularly those of form aligning with content.
- **Technical proficiency**—Students will apply the use of appropriate tools, techniques, and/or technology to create works of art and design with a professional level of craftsmanship.
- **Critical Thinking**—Students will assess the cultural impact of art and design within a diverse, global context informed by an interdisciplinary knowledge of historical, cultural, formal, and stylistic influences indicative of a liberal arts education.
- **Articulation**—Students will demonstrate a cohesive articulation of their creative efforts through both visual and verbal presentations of a culminating body of work, wherein their articulated intent and goals match their results.

FACULTY
Andrew Sobol – *Chair; Associate Professor, Graphic Design*
Dawn Kramlich – *Assistant Professor, Painting and Drawing*
Joshua Johnson – *Assistant Professor, Printmaking and Foundations*
Mary Lou Stewart – *Professor Emeritus*
Richard Paulsen – *Associate Emeritus*
John Pitman Weber – *Professor Emeritus*

Programs

AB.BA - Art Business BA
AB.BFA - Art Business BFA
AHS.MIN - Art History Minor
ART.BA - Art BA
ART.BFA - Art BFA
ART.BS - Art BS
ART.MIN - Art Minor
GDS.BA - Graphic Design BA
GDS.BFA - Graphic Design BFA

Courses

ART-110 Art Appreciation
ART-113 Intro to Art Software
ART-115 Drawing Studio
ART-120 Painting Studio
ART-125 Design Studio
ART-154 Media Practicum I
ART-155 Media Practicum I
ART-215 Figure Drawing
ART-216 Intro to Graphic Design
ART-221 Ceramics Studio
ART-226 Typography Studio
ART-230 Printmaking Studio
ART-235 Sculpture Studio
ART-250 Thematics and Selected Topics
ART-254 Media Practicum II
ART-255 Media Practicum II
ART-296 Digital Animation Principles
ART-315 Intermediate Figure Drawing
ART-316 Graphic Design I
ART-320 Intermediate Drawing & Painting
ART-321 Intermediate Ceramics Studio
ART-325 Visual Communication
ART-326 Graphic Design II
ART-330 Intermediate Printmaking
ART-335 Intermediate Sculpture
ART-341 Survey History of Western Art
ART-342 Survey History of Modern Art
ART-350 Thematics and Selected Topics
ART-354 Media Practicum III
ART-355 Media Practicum III
ART-373 Survey of Non-European Art
ART-376 Art of India
ART-392 Independent Study
ART-415 Advanced Figure Drawing
ART-416 Advanced Graphic Design
ART-420 Advanced Drawing and Painting
ART-421 Advanced Ceramics Studio
ART-426 Seminar in Graphic Design
ART-430 Advanced Printmaking
ART-435 Advanced Sculpture
ART-443 Issues in Contemporary Art
ART-468 Internship
ART-490 Capstone Course
ART-491 Capstone Exhibition
ART-492 Independent Study
ART-495 Honors Independent Research

Biological Sciences Department

The Department of Biology is dedicated to preparing its students for meaningful careers in a rapidly changing, challenging field. The faculty recognizes that each student brings to the major a distinctive combination of aptitudes and interests, and they are committed to guiding each student in developing to his or her highest potential.

Students are encouraged to express natural scientific curiosity and to develop confidence and self-esteem through acquiring an ability to think about and do science. The faculty strive to encourage lifelong learning by example of continued scholarship and enthusiasm for teaching and learning about biology.

Students are offered an opportunity to learn the concepts and methods of biological science through varied classroom, laboratory and field study activities, both in the U.S. and abroad. Our departmental curriculum is firmly rooted in the philosophy of active engagement and early access to independent research experiences as recommended by the American Association for the Advancement of Science and the National Science Foundation's Vision and Change goals for biology undergraduate education. Courses are designed to provide an understanding of the core concepts and fundamental processes and requirements of living things leading toward an appreciation of the global interdependence of natural systems.

In addition to providing strong courses in traditional areas of biology, faculty are dedicated to introducing students to recent developments in fields such as molecular biology and biotechnology. Students are encouraged to explore ethical issues that arise from new technological advances.

Departmental facilities include recently updated modern laboratories, a computer room with internet access and a greenhouse. An additional resource for human anatomy is the department's virtual dissection table. Outstanding collections of animals and plants are available in nearby zoos, museums, conservatories and arboretums. The campus is a recognized arboretum with nearly 900 trees and numerous varieties of shrubs and perennials.

Many biology majors plan to enter graduate or professional schools, including but not limited to medical and dental schools. Others pursue human health careers or are employed directly upon graduation by secondary schools, business and industry, and government.

The University hosts chapters of Beta Beta Beta, the national biology honor society, and Alpha Epsilon Delta, a national honor society for premedical students.

Mission

The Department of Biology is dedicated to developing broadly educated biologists who are prepared to ask informed questions about nature and obtain meaningful answers across all levels of organizations. Through mentoring our students in the core biological concepts and competencies, and by modeling the behavior of scholarship, we cultivate investigators and prepare scholars for their personal paths toward careers as biology educators, research scientists, health care professionals, and many other professions. The department advocates for an anti-racist and nondiscriminatory environment that supports an academic program focused on removing barriers to access and inclusion and promoting the success of all students regardless of visible and non-visible differences.

Learning Outcomes

Upon graduation our students will be able to:

- Explain and apply the core biological concepts including energy and matter, structure and function, information flow, systems, and evolution
- Articulate an understanding of the core competencies including the process of science, quantitative reasoning, and modeling and simulation of biological phenomena
- Demonstrate biology's interdisciplinary nature which requires communication and collaboration
- Recognize the ethical, historical, societal, and legal implications of biology
- Recognize that diverse perspectives and ideas enhance biological investigation and broaden scientific knowledge

FACULTY
Merrilee F. Guenther - *Professor and Chair, Department of Biology*
Paul E. Arriola - *Professor*
Kyle F. Bennett - *Associate Professor*
Amy K. Hebert - *Associate Professor*
Tamara L. Marsh - *Professor*
Rohan S. Mehta - *Assistant Professor*
Kelly K. Mikenas - *Associate Professor; Director, Environmental Studies Program*
Patrick M. Mineo - *Associate Professor*
Kelly R. Ostler - *Assistant Professor*
Stacey L. Raimondi - *Professor*

Programs

BIO.BA - Biology BA
BIO.BS - Biology BS
BIO.BS(OPT) - Biology OPT BS
BIO.MIN - Biology Minor
BIOIN.BS - Bioinformatics BS
BIOIN.MIN - Bioinformatics Minor
BMS.BS - Biomedical Science BS
HST.BS - Health Science Technology BS
HST.BS(RC) - Health Science Technology (RC) BS
NEU.BS - Neuroscience BS
NEU.MIN - Neuroscience Minor

Courses

BIO-100 Principles of Biology
BIO-104 Human Biology
BIO-105 Environmental Biology
BIO-107 Human Anatomy&Physiology I
BIO-107L HumanAnatomy&Physiolgy I-Lab
BIO-108 Human Anatomy & Physiology II
BIO-108L Human Anat&Phys II LAB
BIO-200 General Biology I
BIO-200L General Biology I LAB
BIO-201 General Biology II
BIO-201L General Biology II LAB
BIO-202 Intro Biological Research
BIO-221 Microbiology for Health Professionals
BIO-315 Genetics
BIO-315L Genetics Lab
BIO-321 General Microbiology
BIO-330 Comparative Chordate Anatomy
BIO-331 Developmental Biology
BIO-332 Plant Anatomy and Morphology
BIO-333 Paleontology
BIO-334 Invertebrate Zoology
BIO-335 General Botany
BIO-341 Immunology
BIO-342 Molecular&CellularBioCancer
BIO-350 General Ecology
BIO-351 Conservation Biology
BIO-352 Special Topics
BIO-355 Evolution of Vertebrates
BIO-356 Evolution & Population Genetics
BIO-410 Bioinformatics
BIO-413 Molecular Genetics
BIO-430 Principles of Anatomy
BIO-441 Plant Physiology
BIO-442 Principles of Physiology
BIO-443 Advanced Cell Physiology
BIO-444 Neurobiology
BIO-445 Stem Cell Biology
BIO-450 Environmental Physiology
BIO-451 Microbial Ecology
BIO-452 Special Topics
BIO-453 Systematics & Phylogenetics
BIO-454 Aquatic Biology
BIO-455 Winter Biology
BIO-468 Biology Internship
BIO-492 Independent Research
BIO-493 Research Experiential Learning
BIO-495 Honors Independent Research
BIO-496 Research for Biology Major Credit
BIO-498 Capstone Seminar
CLS-390 Hematology
CLS-391 Clinical Microbiology
CLS-392 Biochemistry
CLS-393 Serology/Immunology
CLS-395 Clinicl Microscpy&Urinalysis
CLS-396 Coagulation
CLS-397 Blood Bank
CLS-398 Parasitology/Mycology
CLS-400 SpTpc:Clinical Lab Science
DMS-300 Intro. to Sonography & Patient Care
DMS-301 Fundamentals of Sonography
DMS-302 Mgt & Mthds Patient Care
DMS-303 Cellular Pathophysiology
DMS-304 Section Anat for Sonographer
DMS-305 Abdomen Sonography
DMS-306 OB-GYN Sonography
DMS-307 Clinical Education I
DMS-308 Ultrasound Physics I
DMS-309 OB-GYN Pathology
DMS-310 Abdomen Pathology
DMS-311 Clinical Education II
DMS-312 Ultrasound Physics II
DMS-313 Image Critique
DMS-314 Clinical Education III
DMS-315 Intro Pediat&Vascular Imagng
DMS-316 Specialty Sonography
DMS-317 Clinical Education IV
DMS-318 Registry Review
DMS-320 Abdominal Sonography I
DMS-321 Abdominal Sonography I Lab
DMS-322 Abdominal Sonography II
DMS-323 Abdominal Sonography II Lab
DMS-330 Obstetrics and Gynecology Sonography I
DMS-331 Obstetrics & Gynecology Sonography I Lab
DMS-332 Obstetrics and Gynecology Sonography II
DMS-333 Obstetrics/Gynecology Sonography II Lab
DMS-350 Vascular Sonography I
DMS-351 Vascular Sonography I Lab
DMS-352 Vascular Sonography II
DMS-353 Vascular Sonography II Lab
DMS-360 Pediatric and Breast Sonography
DMS-370 Sonography Principles/Instrumentation I
DMS-371 Sonography Principles/Instrumentation II
DMS-372 Sonography Principles/Instru. III
DMS-380 Diagnostic Medical Sonography Seminar
DMS-382 Professional Research
DMS-390 Clinical Education I
DMS-391 Clinical Education II
DMS-392 Clinical Education III
DMS-393 Clinical Education IV
HST-400 Scientific Terminology

HST-498 Capstone Seminar
MLS-390 Hematology, Coagulation, BodyFluids
MLS-391 Microbiology
MLS-392 Clinical Chemistry
MLS-393 Immunopathology/Immunology
MLS-394 Molecular Diagnostics
MLS-395 U/A & BF
MLS-397 Immunohematology&Transfusion
MLS-398 Parasitology
MLS-399 Mycology
MLS-400 Phlebotomy
MLS-401 Education and Management
NMT-390 Clinical Nuclear Medicine Procedures
NMT-391 Radionuclide Chemistry & Radiopharmacy
NMT-392 Radiation Biology
NMT-393 ClinclCorrelatn:Pathology
NMT-394 DiagNuclear ImagngPracticum I
NMT-395 Radiation Safety and Protection
NMT-396 Radiation Detection & Instrumentation
NMT-397 CompTomogrphy&Cross-SectAnat
NMT-398 Management & Methods of Patient Care
NMT-399 Radiation Physics & Instrumentation
NMT-400 Diagnostic Nuclear Imaging Practicum II
NMT-402 Mgt&Mthds Patient Care II
NMT-403 Medical Terminology-NMT
NMT-408 Nuclear Medicine Seminar
RAD-101 Intro to Radiography & Medical Imaging
RAD-102 Patient Care in Medical Imaging
RAD-104 Imaging Principles I
RAD-105 Radiographic Procedures I
RAD-107 Radiation Physics
RAD-108 Medical Law & Ethics
RAD-109 Operationl Issues in the Healthcare Env
RAD-204 Imaging Principles II
RAD-205 Radiographic Procedures II
RAD-206 Radiographic Procedures III
RAD-207 Introduction to CT & Sectional Anatomy
RAD-210 Radiation Biology & Protection
RAD-211 Imaging Modalities & Equipment
RAD-212 ARRT Review
RAD-215 Radiographic Procedures IV
RAD-216 Radiographic Procedures V
RAD-218 Fluoroscopic Procedures I
RAD-219 Fluoroscopic Procedures II
RAD-220 Radiographic Pathology
RAD-301 Radiography Clinical I
RAD-302 Radiography Clinical II
RAD-303 Radiography Clinical III
RAD-304 Radiography Clinical IV
RAD-305 Radiography Clinical V
RAD-306 Radiography Clinical VI
RAD-307 Radiography Clinical VII
RT-328 Medical Terminology-Radiatn Therapy
RT-329 Introduction to Clinical Education
RT-330 Intro to Radiation Therapy
RT-331 Prin&Pract RadiatnTherapy I
RT-332 Pathology
RT-333 Radiation Therapy Physics I
RT-334 Intro to RadiologicTechnology
RT-335 Medical Imaging & Processng
RT-336 Patient Care
RT-337 Radiation Safety
RT-339 Technical Radiation Therapy
RT-343 Clinical Practicum II
RT-344 Technical RadiatnTherapy II
RT-346 Clinical Practicum I

Business Department

The School of Business is dedicated to preparing students for successful careers in a global economy characterized by complex issues, ambiguity, and change. A key belief underlying the department's programs is that business success generally depends on specialized skills, awareness, and understanding beyond a field of specialization and personal attributes such as leadership skills, adaptability, healthy self-esteem, competency in problem-solving, and the ability to communicate effectively.

Requirements for Admission to Business Programs

Admission to the University does not guarantee admission to programs in the School of Business. Admission to the School of Business programs requires:

Incoming first-year students: Overall high school GPA 2.75 or better; At least three years of high school mathematics; Or with the School of Business dean's approval

Transfer students with at least 16 semester hours of transfer credit: Overall transfer GPA 2.75 or better; Completion of MTH 111 Introduction to Mathematical Methods and Applications or the equivalent with a C or better; Completion of ENG 106 Composition II or the equivalent with a C or better; Or with the School of Business dean approval

The School of Business affords each student the opportunity to develop these skills, perspectives, and personal attributes, recognizing that students come to the program with different needs and expectations. The School draws on the liberal arts heritage and resources of Elmhurst University to fulfill its mission. The School maintains close ties with the business community to ensure its programs are viable and relevant in a dynamic business environment.

The School of Business also offers several programs for graduate students, including degree programs in business administration, project management and supply chain management. Please refer to the Graduate Study section of this catalog.

Learning Outcomes

The learning outcomes of the School of Business are as follows:

• The student has a basic knowledge of the content of functional areas of business.

• The student can interpret numerical data and solve problems using quantitative methods.

• The student can leverage existing digital technologies ethically and efficiently to solve problems, complete tasks, and accomplish goals. The student also demonstrates effective adaptability to new and emerging technologies.

• The student can demonstrate sound reasoning to analyze issues, make decisions, and overcome problems. To do so, the student can obtain, interpret, and use knowledge, facts, and data and may demonstrate originality and inventiveness.

• The student can effectively articulate thoughts and ideas in written and oral forms to persons inside and outside the organization individually and in teams.

• The student demonstrates personal accountability and effective work habits. Also, the student understands the role of integrity and ethical behavior relative to the larger community.

• The student demonstrates openness and the willingness to value, respect, and learn from diverse cultures, races, ages, genders, sexual orientations, and religions.

• The student can work within a team structure, build collaborative relationships with diverse individuals, leverage other individual's strengths, and manage conflict.

• The student can leverage the strengths of others to achieve common goals and use interpersonal skills to coach and develop others.

• The student can explore job options, understand and ~~can~~ take steps necessary to pursue opportunities, and understand~~s~~ how to self-advocate for opportunities in the workplace.

FACULTY
Siaw-Peng Wan - *Co-Dean, School of Business; Professor, Finance*
Shaheen Wolff - *Co-Dean, School of Business; Assistant Professor, Marketing*
Vania Adams - *Assistant Professor, Economics*
Avraham Baranes - *Associate Professor, Economics*
Juan Carlos Barrera - *Associate Professor, Management*
Lawrence Brown - *Assistant Professor, Marketing; Program Director, MBA*
Lisa Kralina - *Assistant Professor, Finance*
Craig Krenek - *Assistant Professor, Accounting*
David Kuipers - *Assistant Professor, Accounting*
Kortney Peagram - *Assistant Professor, Management*
Eric Sanders - *Associate Professor, Management; Program Director, Master of Project Management*
Soni Simpson - *Associate Professor, Marketing; Director, Elmhurst Management Program*
Bob VeVang - *Assistant Professor, Marketing; Director, D.K. Hardin Center for Market Research*
Gary S. Wilson - *Professor, Supply Chain Management*

Programs

ACC.BA - Accounting BA
ACC.BS - Accounting BS
BAD.BA - Business Administration BA
BAD.BS - Business Administration BS
BAD.MBA - Business Administration PT MBA
BAD.MBA(FT) - Business Administration FT MBA
BAD.MIN - Business Administration Minor
BADA.BS - Business Administration BS to MBA
BIA.BS - Business Intelligence & Analytics BS
EC.CP - Graduate Certificate in Executive Coaching
ECO.MIN - Economics Minor
EMP.BS - Elmhurst Management Program BS
ENP.BS - Entrepreneurship BS
ENP.MIN - Entrepreneurship Minor
FIN.BA - Finance BA
FIN.BS - Finance BS
IBU.MIN - International Business Minor
IE.CP - Masters Certificate in Innovation & Entrepreneurship
LSM.BS - Logistics and Supply Chain Management BS
MGT.BA - Management BA
MGT.BS - Management BS
MKT.BA - Marketing BA
MKT.BS - Marketing BS
MR.CP - Graduate Certificate in Marketing and Consumer Insights
PM.CP - Graduate Certificate in Project Management
PM.MPM - Project Management MPM
SCM.MS - Supply Chain Managment MS

Courses

BUS-230 Principles of Marketing
BUS-250 Management Theory and Practice
BUS-261 Financial Accounting
BUS-262 Management Accounting
BUS-263 Acc & Financial Mgt for Non-Bus Majors
BUS-271 Intro to Global Business
BUS-300T Global Business In:
BUS-301 Intro Logistics&SupplyChnMgt
BUS-302 Supply Chain Mgt I:Purchasing, Inventor
BUS-303 Supply Chain Mgt II:Manufacturng, Distr
BUS-310 BusinessAnalysisUse MS Excel
BUS-320 Survey of Business Analytics
BUS-321 UnZipCreativity:CreativeProblemSolveMet
BUS-322 Unzip Creativity:Lead Creativity in Org
BUS-323 LeadingChangeComplxWrld:PlanChangeModel
BUS-324 LeadChangeComplxWrld:StrategicTransform

BUS-325 Microsoft Excel With Power Query
BUS-326 Introduction to SQL
BUS-327 Data Visualization with Power BI
BUS-328 Introduction to Analytics with R
BUS-330 Consumer Behavior
BUS-333 Marketing Research
BUS-337 Social Media Strategy
BUS-338 Digital Inbound Marketing Strategy
BUS-340 Business Finance
BUS-350 Cultural Diversity in Org
BUS-352 Entrepreneurship
BUS-354 Human Resource Management
BUS-355 Negotiations: Theory & Practice
BUS-356 Operations Management
BUS-360 Cost Accounting
BUS-361 Intermediate Accounting I
BUS-362 Intermediate Accounting II
BUS-365 Business Law
BUS-366 Accounting Information Systems
BUS-371 Intro to Global Business
BUS-372 Personal Financial Mgmt II
BUS-373 Personal Financial Mgt I
BUS-375 Capstone: Global Business
BUS-376 International Finance
BUS-380 Principles of Accounting
BUS-381 Excel-BasdDecisnMakgTools I
BUS-383 Accounting for Management
BUS-386 Management
BUS-389 Marketing Management
BUS-402 Global Bus Process Mgt
BUS-431 Business to Business Professional Sell
BUS-432 Science Of Retailing & E-Commerce
BUS-434 Advertisng&integrated Marketing Campaign
BUS-439 Capstone:IntegratedMarketingMgt
BUS-440 Personal Investment Management
BUS-441 Corporate Finance
BUS-442 Investment Theory/Portfolio Mngmnt
BUS-444 Financial Institutions
BUS-453 Organization Behavior
BUS-454 Leadership
BUS-456 Strategic Mgt in the Global Environment
BUS-462 Income Taxation I
BUS-466 Auditing
BUS-468 Internship
BUS-469 School of Business Mentoring
BUS-470 Seminar in Special Topics
BUS-480 Excel-Based Decision Making Tools II
BUS-481 Managerial Finance
BUS-484 Business Policy
BUS-492 Independent Study
BUS-501 Introduction to Coaching
BUS-502 Individual Assessment and Interviewing
BUS-503 Peer Coaching
BUS-505 Advance Coaching II
BUS-506 Executive Coaching Practical Application
HCA-502 Health Care Finance
HCA-506 Hlth Care Policy,Law,&Ethics
MBA-500 Organizational Management
MBA-501 Financial & Managerial Accounting
MBA-502 Analytical Tools for Management Decision
MBA-503 Marketing Management
MBA-504 Financial Management
MBA-505 Strat for Creating a Competitive Advanta
MBA-508 Special Topics:
MBA-509 Project Management
MBA-512 Labor Economics
MBA-516 Comparative Economic Systems
MBA-517 SalesTechniq&SellngStratgies
MBA-520 Global Business Management
MBA-522 IS Projct Plng,Mgt,Leadershp
MBA-524 IntroSystmsAnalysis&Design
MBA-530 Organizational Theory
MBA-531 Organizational Development
MBA-539 Work Motivation
MBA-541 Corporate Finance
MBA-542 Investment Theory & Portfolio Management
MBA-545 Financial Statements Analysis
MBA-550 Cultural Diversity in Organizations
MBA-552 Leadership
MBA-553 Organization Behavior
MBA-555 Negotiations
MBA-557 Compensation Management
MBA-558 Leading Change Mgt
MBA-559 Lead Innovatn & Tech Change
MBA-570 Accounting Seminar
MBA-583 PrincipleMarketingInsight&Analysis
MBA-584 Social/Digital Media
MBA-585 Mkt Strategy&Rsrch Practcm I
MBA-586 Mkt Strategy&Rsrch Practcm 2
MBA-592 Independent Study
MIE-500 New Venture Formulation
MIE-501 Entreprenuer Sales & Marketing
MIE-502 Innovation Management
MIE-503 Seminar in Entrepreneurship
MMR-583 PrinMkt Rsrch Strategic Appl
MMR-584 UseSocial&DigitalMedia/Rsrch
MMR-585 Mkt Strategy&Rsrch Practcm 1
MMR-586 Mkt StrategyRsrch Practcm 2
MMR-587 Managing Research Process
MMR-588 Sampling Techniques for Adv Researcher
MMR-589 DataMgt&MiningRsrchProcess
MMR-590 Adv Research Practicum
MPM-500 Project Management
MPM-501 ProjctMgt Fundmntls Prac I
MPM-502 PrjctMgt Fundmntls Prac II
MPM-503 AI & Other Tools & Techniques for PM
MPM-504 Organizational Management
MPM-505 Fin Mgt for Project Manager
MPM-506 Corporate Communications
MPM-507 Leadership & Change Mgt
MPM-520 Agile Project Management
MPM-552 Leadership
MPM-553 Organizational Behavior
MPM-554 Human Resource Mgt
MPM-555 Negotiations
MPM-556 Operations Management
MPM-590 PMP Exam Preparation Review
MPM-592 Independent Study
SCM-510 Information Technology Tools
SCM-511 Business&FinancialStrategies
SCM-512 Outsrc Dec: Select 3rd Party Logst Firm
SCM-513 Forecasting in the Supply Chain
SCM-521 Inbound Logistics Strategies
SCM-522 Benchmarking Metrics Supply Chain Mgt
SCM-530 Supplier Certif in the Supply Chain
SCM-531 Manufacture Decisions
SCM-532 Supply Chain Research & Analysis Techniq
SCM-533 Global Logistics Networks
SCM-540 Inventory Strategies
SCM-541 Warehouse Management Strategies

SCM-542 Quality Process Management
SCM-550 Transportation Management Strategies
SCM-551 Marketing & Supply Chain Networks
SCM-552 Benchmarkg Metrics for Supply Chain Mgmt
SCM-553 Packaging Strategies
SCM-554 Inventory Strategies
SCM-560 E-Commerce and the Supply Chain
SCM-561 Customer Relationships
SCM-570 Supply Chain Seminar
SCM-571 Supply Chain Information Systems
SCM-572 Reverse Logistics
SCM-573 Managing HR Issues in Global Marketplac
SCM-575 Project in Supply Chain Management

Chemistry and Biochemistry Department

The majors in chemistry and biochemistry are designed for students with varying career goals. Students graduating with a major in chemistry or biochemistry are prepared to enter graduate school, begin or continue work in an industrial or government research laboratory, teach science at the secondary-school level, or begin further education in a health-related field such as medicine, pharmacy, dentistry or veterinary science. The Department of Chemistry and Biochemistry also offers courses that support other majors, such as biology and nursing, and courses that meet the Integrated Curriculum requirements.

Students studying chemistry use the knowledge gained through courses in a variety of careers. Beginning with the fundamentals and progressing to advanced studies of both theoretical and applied chemistry, you'll be able to tailor a curriculum that suits your goals. All majors start with the same core of course work, but allow for different combinations of advanced courses to meet your interests.

The major in chemistry has the greatest scope because it allows you the greatest possible choice of advanced electives. Although this major is enough to enter any career field that a chemist may choose, one of our specialty majors may fit your needs better.

The major in chemistry with American Chemical Society (ACS) approval specifies advanced courses that are good preparation for graduate school. Our alumni have gone on to strong graduate programs across the country, including University of Wisconsin – Madison, University of California – Irvine, Boston University, North Carolina – Chapel Hill and more.

Our newest major, the major in chemistry with industry concentration prepares students for industry and begins preparation for management roles by combining chemistry and business classes. Students who choose this option are ready to enter the MBA program at Elmhurst University or other institutions and can use these skills to work up the career ladder.

The major in biochemistry is an interdisciplinary major and is excellent at preparing students for entry into the biochemical field or entry into health-related professional fields such as medicine, pharmacy, dentistry or veterinary medicine. This is a popular major for students who can't decide between chemistry and biology.

Students interested in secondary-school teaching are served by the secondary science education major, but double majoring is strongly suggested.

Students may also choose a minor in chemistry to support another major, most commonly biology, or to complete the prerequisite courses needed and suggested for health professions.

Chemistry and biochemistry majors receive hands-on training with modern instrumentation. Undergraduate research is integrated into the major, along with professional skills such as oral communication, information fluency and technical proficiency. Students have the opportunity to gain job-related skills by working as a lab assistant for the department after their first year of classes, or completing an internship at a local industry site.

Students have the opportunity to participate in funded summer research projects as early as their first summer on campus. Our students have also completed Research Experience for Undergraduates (REUs) at large research institutions around the country.

Departmental faculty work closely with students to advise them on the appropriate major to consider, the sequence of courses in which to enroll, aspects of career planning, and obtaining meaningful employment.

A major in chemistry or biochemistry is also an excellent beginning for further study and careers in fields that utilize chemistry. Examples include environmental studies, law, business (chemical, pharmaceutical and petroleum-related companies), technical writing and editing, and scientific information retrieval.

Mission and Goals:

The Department of Chemistry and Biochemistry endeavors to provide an excellent educational experience in chemistry and biochemistry for a variety of learners. We prepare our majors for diverse career goals such as direct employment in the chemical or biochemical industry, entry into graduate or professional programs, or careers in secondary school teaching by emphasizing:

- Hands-on experiences with modern instrumentation
- Independent research
- Computer skills

- Scientific communication skills

We seek to provide all Elmhurst students with a fundamental understanding of chemical principles and scientific reasoning skills that will enable them to make informed decisions about issues relating to science and society.

Learning Objectives:

Upon completion of the program, students are able to:

- Demonstrate an understanding of conventional facts and theories in: a) analytical chemistry b) inorganic chemistry c) organic chemistry d) physical chemistry and e) biochemistry, to the guidelines established by the American Chemical Society.
- Demonstrate mastery of: a) basic laboratory skills and familiarity with conventional classical laboratory tools and b) common instruments in the areas of spectroscopy, electrochemistry and chromatography.
- Use computers appropriately in chemistry, through classes, laboratories, seminars and projects in which software for word processing, spreadsheet calculations and data base applications, graphing and curve fitting, data acquisition and instrument control and molecular modeling/computational chemistry is actively employed.
- Demonstrate growth in understanding of chemical science and general scientific skills through involvement in: a) real-world problem solving and b) experimental design.
- Demonstrate excellent (a) oral and (b) written communication skills, particularly through production of descriptive reports and oral presentations on individual chemical and physical studies or the scientific work of others.
- Demonstrate growth and understanding of ethical issues and inclusion in science within a diverse, global society.

FACULTY
Michelle Applebee - *Chair and Associate Professor, Analytical Chemistry*
E. Joseph Campbell - *Lecturer, Organic Chemistry*
Álvaro Castillo - *Assistant Professor, Computational Chemistry*
Kimberly Lawler-Sagarin - *Professor, Physical Chemistry and Associate Dean of the Faculty*
Colleen Munro-Leighton - *Associate Professor, Inorganic and Organic Chemistry*
Sunshine Silver - *Associate Professor, Biochemistry*
Evan Vanable - *Assistant Professor, Organic Chemistry*

Programs

BCH.BS - Biochemistry BS
CHM.BS - Chemistry BS
CHM.MIN - Chemistry Minor

Courses

CHM-100 Chemistry in Natural World
CHM-101 General Chemistry
CHM-101L General Chemistry Lab
CHM-103 Elem Organic & Biochemistry
CHM-110 Chm & Issues in the Environment
CHM-123 Gen,Org & Biochem for NursingProfession
CHM-150 Chemistry in Context
CHM-201 Chemical Principles IA
CHM-202 Chemical Principles IB
CHM-211 Chemical Principles I
CHM-211L Chemical Principles I Lab
CHM-211R Chemical Principles I Recitation
CHM-212 Chemical Principles II
CHM-212L Chemical Principles II LAB
CHM-220 Adv Chemical Principles
CHM-221 Analytical Chemistry
CHM-301 Lab Rehab: Foundations of Organic Lab S
CHM-311 Organic Chemistry I
CHM-311L Organic Chemistry I LAB
CHM-312 Organic Chemistry II
CHM-312L Organic Chem II LAB
CHM-314 Intro Biochemistry-Lec only
CHM-315L Intro to Biochemistry Lab
CHM-316 Intermediate Biochemistry
CHM-350 Chemistry Lab Preparation Skills
CHM-394 Intro to Chemical Research
CHM-412 Physical Chm:Quant Mech/Spec
CHM-413 PhysiclChm:Therm,Kin&StatMec
CHM-420 Chem Instrumnt I:Chromatographic&Spectr
CHM-421 ChmInstru II:Eletrochem Molecular Spect
CHM-432 Advanced Inorganic Chemistry
CHM-460 Advanced Topics in Chemistry
CHM-468 Internship
CHM-492 Independent Study
CHM-494 Independent Research
CHM-496 Chemistry Research Seminar I
CHM-497 Chem Literature Seminar I
CHM-498 Chem Literature Seminar II
CHM-499 Chem Research Seminar II

Communication Sciences & Disorders Department

The Department of Communication Sciences and Disorders is dedicated to preparing its students for the successful understanding of the disorders and differences of human communication.

The discipline of communication sciences and disorders (CSD) comprises the two related fields known as speech-language pathology (SLP) and audiology (A). Speech-language pathologists evaluate and treat the full range of human communication and swallowing disorders. The disorder areas include speech sound production, expressive and receptive language, language-based literacy disorders, fluency, voice, cognitive-communication disorders, feeding, swallowing, and social communication difficulties.

Speech-language pathologists may evaluate and treat individuals of all ages, from infants to the elderly. They may work as a team with teachers, audiologists, psychologists, occupational therapists and physical therapists, or they may work in private practice. Most speech-language pathologists work in public school systems, hospitals, rehabilitation centers, skilled nursing facilities, health departments, government agencies, adult day care centers, home health care agencies, centers for those with developmental disabilities or research laboratories.

Essential traits for the profession include: empathy, flexibility, accountability, cultural sensitivity, scientific aptitude, critical thinking, self-reflection, the ability to collaborate with team members, and strong oral and written communication skills.

The recommended courses during high school include biology, physics, social sciences, English and mathematics, as well as public speaking, language, psychology and a world language. Undergraduates should have a strong liberal arts background with coursework in phonetics, anatomy and physiology of the speech and hearing mechanism, speech science, speech and language development, and audiology, biological sciences (e.g., human or animal biology, human anatomy and physiology, neuroanatomy and neurophysiology, human genetics), physical sciences (chemistry or physics), social/behavioral sciences (e.g., psychology, sociology, anthropology or public health), and a stand-alone course in statistics. A master's degree is required for speech-language pathologists. Most states also require that speech-language pathologists be licensed.

Audiology is a discipline that focuses on the measurement of hearing and hearing impairment, the study of the nervous system and how auditory information is processed, and the testing and analysis of auditory disorders. Audiologists are the primary health-care professionals who evaluate, diagnose, treat and manage hearing loss, auditory processing disorders and balance disorders in adults and children. They prescribe and fit hearing aids, assist in cochlear implant programs, perform ear- or hearing-related surgical monitoring, design and implement hearing conservation programs and newborn hearing screening programs, provide hearing rehabilitation training—such as auditory training, speech reading and listening skills improvement—and provide other assistive listening devices to enhance the hearing capabilities of individuals with hearing loss or other disorders of the auditory system.

The recommended courses during high school for audiologists are the same as those for speech-language pathologists. On the undergraduate level, the undergraduate curriculum requirements are the same as for speech-language pathologists. A doctoral degree (usually the AuD) is required for audiologists, and most states also license audiologists.

They work in a variety of settings, such as hospitals, clinics, private practices, ENT offices, universities, K-12 schools and government, military and VA hospitals.

In addition to the undergraduate program in CSD, the department is home to a graduate program in CSD. *For more information on the graduate programs, please refer to the Graduate Study section of this catalog.*

Undergraduate Program Mission

The mission of the undergraduate program in communication sciences and disorders is to provide students with the scientific and cultural foundations of the development of typical human communication and communication differences and disorders across the lifespan. Students will exhibit the knowledge and skills necessary to be prepared for graduate study and meaningful and ethical work in areas related to speech language pathology, audiology, speech and hearing sciences, human services, and education, using a framework driven by evidence-based practice. Students will actively engage in the pursuit of intellectual excellence and self-formation, demonstrating the commitment, integrity and compassion necessary to be socially responsible in a culturally and linguistically diverse global society.

Student Learning Outcomes

Knowledge

- Describe the anatomical, physiological, and neurological structures and processes involved in speech, language, hearing, and swallowing functions.
- Describe characteristics of typical versus atypical communication skills across the lifespan.
- Explain the linguistic and acoustic characteristics and etiologies of prevalent communication disorders.
- Describe the social-emotional, sensory, motor, and cognitive correlates of communication across the lifespan.
- Explain scientifically driven, evidence-based principles of assessment and treatment of communication and swallowing.

Skills

- Transcribe normal and disordered speech and language production using standard disciplinary conventions.
- Demonstrate skills that contribute to the provision of providing culturally and linguistically responsive assessment and intervention services to diverse populations.
- Demonstrate effective oral communication skills to present disciplinary information accurately and clearly.

• Demonstrate effective written communication skills that conform to information literacy and disciplinary standards.

• Apply critical thinking and analysis of scientific evidence to solve clinical problems related to prevention, assessment and treatment.

• Demonstrate essential functions and professional ethics as required for engagement in clinical practicum.

Major GPA Requirement

Students must have a 3.0 GPA to begin **the 200-level core courses in CSD (i.e., CSD 200, CSD 205, CSD 234, CSD 237). Students who earn any grade lower than a C (C-, D+, D, D-, F) in these core courses or more than one C in these core courses are not eligible for the CSD major.** If a student receives a grade of C- or lower in a 200-level course, they have the opportunity to retake the class (this retake policy is per the Elmhurst University Catalog) and improve their grade for entry into the major.

To declare the CSD major, students are required to have completed the core courses (i.e., CSD 200, CSD 205, CSD 234, CSD 237) and earned a cumulative 3.2 GPA or higher. Students are also required to earn a B or better in English 105 (Composition I) and English 106 (Composition II) or their equivalents. Students who otherwise meet the requirements to enter the CSD major but earn a B- or any C grade in English 106 may take English 201 (Composition III) and earn a B or better to qualify to enter the CSD major.

To remain in the CSD major, students must have a 3.2 GPA **by the end of their junior year (i.e., before completing the final two semesters and/or 8 remaining credits for graduation). Students who do not have a 3.2 GPA by this designated time must drop the CSD major and declare another major.**

FACULTY
Ruiying Ding - *Chair and Professor, Communication Sciences and Disorders*
Jennifer Kremkow - *Program Director, M.S. in Communication Sciences and Disorders; Associate Professor*
Cheri S. Carrico - *Professor; NSSLHA Advisor*
Karen Cannon-Janettas - *Fieldwork Coordinator*
Ilana Feld - *Clinical Assistant Professor*
Lauren Ferguson - *Clinical Assistant Professor*
Kelly Gillespie - *Director, Elmhurst University Speech-Language-Hearing Clinic*
Brenda Gorman - *Professor*
Victoria Jay - *Assistant Professor*
Sarah Valverde - *Adjunct Faculty*
Susanna Vargas - *Assistant Professor*

Programs

CSD.BA - Communication Sciences and Disorders BA
CSD.BS - Communication Sciences and Disorders BS
CSD.MIN - Communication Sciences and Disorders Minor
CSD.MS - Communication Sciences and Disorders MS

Courses

CSD-100 Introduction to Sign Language
CSD-101 Sign Language I
CSD-102 Sign Lang. Seal of Biliteracy
CSD-102 Sign Language II
CSD-200 Intro to Comm Sciences & Disorders
CSD-205 Clinical Phonetics
CSD-234 Anatomy/Physiology Spc/Hearing
CSD-237 Linguistics&SocialJusticeSpeechLangHear
CSD-242 Towards Understanding Autism
CSD-339 Intro to Audio: Princ & Mthds
CSD-340 Fluency Disorders
CSD-341 Speech Sound Disorders
CSD-344 Speech Science
CSD-345 Prof Writing Speech-Lang Path
CSD-356 Children at Risk
CSD-376 Principle&MethdMedicalSetSpeechLangPath
CSD-378 Beginning Clinical Practicum
CSD-382 GlobalPersComDisabl:CostaRica
CSD-390 Language Development & Disorders
CSD-433 Neurological Bases of Com
CSD-450 BeginPrac: Clinical Methods&Diagnostics
CSD-455 Aural Rehabilitation
CSD-476 LangStimulation&EnrichmentExp
CSD-477 CAPSTONE:ExpLrng&Assist Clinical Prac
CSD-492 Independent Study
CSD-495 Honors Independent Research
CSD-500 Clinical Practicum I
CSD-501 Clinical Practicum II
CSD-502 Clinical Practicum III
CSD-503 Practicum in Educ Settings Part Time
CSD-504 Practicum Medical Settings Part-Time
CSD-505 Intro to Professional ClinicalProcedure
CSD-507 Research Methods in CSD
CSD-509 Lang/LtrcyYngChldAssessTreat
CSD-510 AdvStdySpeechSoundDisorder
CSD-513 PractcmEducSettng 1/2 Term
CSD-514 PracMedical Settngs 1/2 Term
CSD-515 Language Disorders in Adults

CSD-516 Lang/LitSchAdolscntDisordrs
CSD-518 Cultural&Ling ResponsiveServices In CSD
CSD-519 Neurology
CSD-521 Dysphagia&Feeding Disorders
CSD-522 Altrnativ/AugmntativCommun
CSD-523 PractcmEducSettngs Full-Term
CSD-524 PractcmMed Settngs Full-Term
CSD-525 PublicSch Mthds Diverse Soc
CSD-526 Voice Disorders
CSD-527 Fluency Disorders
CSD-528 MotorSpcDsordrsAcrosLifespn
CSD-530 Master Thesis Spch-Lang Path
CSD-585 MulidimenOfFluenDisor:Res&Bes
CSD-586 Multicul&mulilingissuincsd:research&best
CSD-587 Bilingual Assessment in Public School SE
CSD-592 Independent Study

Communication and Media Department

The Department of Communication and Media is dedicated to preparing its students with the in-demand communication and digital media skills required for a variety of fields and workplaces. Our majors emphasize verbal, visual and written communication, decision-making, critical thinking, creativity, and teamwork. In the tradition of the liberal arts, the department, in conjunction with many other resources at Elmhurst University, cultivates intellectual depth and diversity, provides a foundation for lifelong learning and encourages students to apply their knowledge outside of the classroom through practica courses and internships.

The department offers seven majors: Communication, Digital Marketing Communication, Digital Media, Audio & Video Production, Game & Animation Art, Writing for Film, TV, & Media, and Multimedia Journalism. Most of the department's courses are open to both majors and non-majors.

Goals of the Department

Graduates will be able to:

• Describe the Communication discipline and its central questions.

• Employ Communication theories, perspectives, principles, and concepts.

• Engage in Communication inquiry.

• Create messages appropriate to the audience, purpose, and context.

• Apply ethical communication principles and practices.

• Articulate the connection between communication and culture.

Cocurricular and Extracurricular Programs

The Department of Communication and Media offers a variety of curricular programs to supplement and enhance students' experience at Elmhurst. For instance, practica courses give students experience and insights into careers in radio and multimedia journalism. Students also gain experience by participating in student organizations, including Lambda Pi Eta Communication Studies Honor Society, the student newspaper, *The Leader*, and the 320-watt campus radio station, WRSE-FM.

FACULTY
Sarah Strom Kays, Ph.D. - *Chair, Department of Communication and Media; Associate Professor, Communication*
Kristyn Jo Benedyk - *Associate Professor, Digital Media*
Jason Eppink, MFA, *Assistant Professor*
John Klein - *Program Director, Digital Media; Assistant Professor, Digital Media*
Courtney Miller, Ph.D. - *Professor, Communication; Dean, School of Arts, Humanities, and Social Sciences*
Thomas Salek, Ph.D. - *Assistant Professor, Communication*
Rachel M. Reznik, Ph.D. - *Professor, Communication*
Dennis Watkins, M.S. - *Lecturer, Journalism*
Deirdre Zerilli, Ph.D. - *Senior Lecturer, Communication*

Programs

CMM.BA - Communication BA
CMM.BS - Communication BS
COM.MIN - Communication Minor
DMC.BA - Digital Marketing Communication BA
DMC.BS - Digital Marketing Communication BS
DMC.MIN - Digital Marketing Communication Minor
FS.MIN - Film Studies Minor
JOU.BA - Multimedia Journalism BA
JOU.BS - Multimedia Journalism BS
JOU.MIN - Multimedia Journalism Minor

Courses

COM-113 Communication in Contexts
COM-114 Interpersonal Communication
COM-211 Media and Society
COM-213 Public Speaking
COM-219 Intro to Public Relations
COM-260 Media Writing
COM-305 News Reporting
COM-306 Advanced Reporting
COM-311 Interprsonal Communicatn in the Workplce
COM-312 Small Group Communication
COM-315 Intercultural Communication
COM-316 Communication Theory
COM-317 Persuasive Communication
COM-318 Gender & Communication
COM-319 Business & Professional Communication
COM-320 Organizational Communication
COM-321 Case Studies In Crisis Communication
COM-322 Conflict Management
COM-323 Family Communication
COM-326 Health Communication
COM-327 Environmental Communication
COM-328 Event Management
COM-329 Media & Cultural Identity
COM-353 Special Topics in Communication Studies
COM-374 Radio Practicum
COM-375 Digital Media Practicum
COM-405 Digital Journalism
COM-411 Media Seminar
COM-413 Public Address and Advocacy
COM-419 Bus&ProfesComOnlineContexts
COM-420 Ethics in Communication
COM-450 Leadership and Communication
COM-468 Internship
COM-490 Senior Seminar: Topics in Communication
COM-492 Independent Study
COM-495 Honors Independent Research
COM-497 Portfolio Development
COM-498 Internship: Capstone

Computer Science & Information Systems Department

The Department of Computer Science and Information Systems (CSIS) offers undergraduate degrees in three areas of study: computer science, cybersecurity, and information systems.

CSIS also offers a Master of Science in Computer Information technology and a Master of Science in Data Science. *Please refer to the Graduate Study section of this catalog for* more *details.*

In all areas of study, students learn foundational computer concepts and apply that knowledge within software-development environments and on computer platforms widely used in the software industry and the information-technology sector in general. Using this foundational knowledge, students have the opportunity to develop their problem-solving skills and become lifelong learners in the ever-changing computer field.

In all the CSIS curricula, students go beyond learning several programming languages and related development tools. CSIS majors learn to apply their knowledge in several subareas within their respective major. All majors have capstone courses in which students work on term-long, team-based projects, often for "real-world" clients. In addition to applying their knowledge and problem-solving skills in courses, students are encouraged to complete internships. Internship opportunities have included transaction-oriented website development, scientific research, cybersecurity, game development, mobile device software development, market research systems, geographic information systems, financial systems, network communications, and many others. One of the many attractions to a career in computing is that it is very interdisciplinary, giving students the opportunity to broaden and apply their knowledge and develop communication skills.

The Computer Science (CS), and Cybersecurity (CYS) curricula share a core number of courses and mathematical courses. The IS curriculum emphasizes the applications of information technology to business systems and project management. Some business classes are required and the mathematics requirements and many core courses are different than those for CS and CYS.

CS students develop their abilities to work at various levels of abstraction and study mathematical models needed to design, develop, implement, and test software systems. The core areas of CS allow students to choose to work in many application areas, such as mobile-device software development, web-application development, machine learning, intelligent systems, high-performance computing, and cloud-based and distributed database systems used for processing big data.

CYS students study information assurance and network security from both a hardware and software perspective with topics in cryptography, cloud security, incident response, digital forensics, and mobile device handling. The CS courses are designed to apply the core computer science and mathematics courses to the above-mentioned topics in a hands-on approach. The CYS courses provide practical network security skills necessary for securing software systems and infrastructure. In addition to the CYS courses, cybersecurity concepts are integrated within many of the CS courses.

The IS curriculum emphasizes applications related to business. Therefore, in addition to computer courses, IS students are required to choose from a set of business courses. Most software applications in IS tend toward accounting, finance, inventory control, and marketing systems, however, the range of applications continues to grow and the IS curriculum is designed to adapt to applications that may or may not be business related. For example, some IS students focus their study on geographic information systems. Some focus on intelligent decision systems and data mining applications within all the above-mentioned fields.

A grade of C- or better is required in all major courses for graduation in Computer Science, Cybersecurity, and Information Systems. A grade of C- or better is required for all courses that count toward a minor.

FACULTY
David Brown - *Chair and Associate Professor*
Kip-Scot Carlson - *Lecturer, Program Director, M.S. in Data Science and Analytics*
Safoora Fatima - *Lecturer*
Ali Ghane - *Associate Professor; Program Director, M.S. in Computer Information Technology*
John Jeffrey - *Professor*
Dean Jensen - *Assistant Professor*
Sony Lawrence - *Lecturer*
Kathy Rossi - *Lecturer*
Owen Schaffer - *Assistant Professor*

Programs

CGE.MIN - Computer Game and Entertainment Technology Minor
CIT.MS - Computer Information Technology MS
CS.BA - Computer Science BA
CS.BS - Computer Science BS
CS.MIN - Computer Science Minor
CYB.BS - Cybersecurity BS
CYS.MIN - Cybersecurity Minor
DS.CP - Graduate Certificate in Data Science and Analytics
DS.MS - Data Science and Analytics MS
ISY.BS - Information Systems BS
ISY.MIN - Information Systems Minor
NET.CP - Graduate Certificate in Network Administration

Courses

CGE-205 Intro to Digital Cinema
CGE-355 Computer Animatn & Simulatn
CGE-460 Computer Graphics
CGE-477 CmptrGame&Entrtnmt Prjct Dev
CGE-492 Independent Study
CGE-495 Honors Independent Research
CGE-497 Adv Film & Media Production
CS-111 IntroSoftwareAppl&DigitlTech
CS-146 Intro to Visual Analytics
CS-150 Introduction to Programming in Python
CS-202 C++ For Programmers
CS-205 LINUX

CS-220 Computer Science I
CS-255 Computer Science II
CS-268 Internship
CS-292 Independent Study
CS-302 DiscreteMathII:Struct&Algorit
CS-310 Computer Organization & Prog in Assembly
CS-312 Ethics in Digital Technology
CS-315 Web Design & Development
CS-318 Obj-Oriented Design & Program Using C++
CS-320 Data Structures & Algorithmic
CS-323 Foundations: Human-Computer Interaction
CS-351 Foundations of Game Programming
CS-360 Computer Network Systems
CS-418 Artificial Intelligence
CS-419 JAVA Programming & Web Development
CS-420 Operating Systems
CS-435 Concepts of Programming Languages
CS-440 Web Based Applications
CS-448 Computability, Formal Lang & Automata
CS-451 Intermediate Game Programming
CS-453 Game Programming Design Patterns
CS-455 Serious Game Development
CS-468 Internship
CS-475 Software Engineering
CS-490 Topics in Information Technology
CS-492 Independent Study
CS-495 Honors Independent Research
CYS-405 Cryptography
CYS-409 FoundatnInformationAssurance
CYS-410 Cyber Crime Investigations & Forensics
CYS-412 WirelessMobile&CloudSecurity
CYS-415 Ethical Hacking & PenetrationTesting
IS-224 Visual C# ProgrammingLanguage
IS-325A Programming Languages:COBOL
IS-325B Programming Languages: R
IS-325C Programming Languages:Python
IS-325E ProgrammingLanguage:JavaScript
IS-325F ProgramingLanguage:F#
IS-380 Foundations of Data Science with Python
IS-423 Data Base Management Systems
IS-424 Intro System Analysis & Design
IS-425 Management Information Systems
IS-492 Independent Study
IS-495 Honors Independent Research
IT-228 Computer Org & Architecture
IT-232 Visual C#
IT-312 Fundamentals of Networking
IT-348 DataBase Systems
IT-350 Project Management
IT-405 Fundamentals of Cryptography
IT-408 Web Design and Development
IT-409 Foundations of Information Assurance
IT-410 CybrCrime Investigatn&Forens
IT-412 WirelessMobile&CloudSecurity
IT-481 MobileApplicationsDevelopment
IT-482 IT Project Development
IT-492 Independent Study
MDS-523 Data Warehousing
MDS-534 Introduction to Predictive Modeling
MDS-535 Programming Environments of Modern Data
MDS-546 Methods of Exploratory Data Analysis
MDS-556 Analytical Methods
MDS-560 Advanced Enterprise Analytics
MDS-561 Data Governance & Project Management
MDS-562 DataAnalysisBusTransformProj
MDS-564 Advanced Machine Learning Applications
MDS-570 Special Topics Data Science
MDS-572 Time Series Forecasting
MDS-575 Generative and Applied AI
MDS-576 Data Science Capstone
MDS-581 Thesis I
MDS-582 Thesis II
MIT-510 DatabaseMgt&DataWarehousing
MIT-520 System Integration & Automation
MIT-541 Human Computer Interaction UI/UX
MIT-543 Web Application Development
MIT-545 MobileApplicationDevelopment
MIT-550 Computer Security and Risk Management
MIT-561 Computer Network I
MIT-562 Computer Network II
MIT-565 Internetworking
MIT-566 Virtualization
MIT-567 Cloud Computing
MIT-572 Capstone
MIT-592 Independent Study

Digital Media Department

The presence and role of media in contemporary society are constantly increasing. Specifically, the world of digital media is growing exponentially as the need and desire for both content and new technologies to produce and distribute that content surges. The advances in the digital media world provide new opportunities for employment, as well as for artistic expression. Elmhurst University's majors in digital media will allow Elmhurst University to provide its students with the knowledge and skills to best help them succeed in this increasingly digital world.

Elmhurst University offers four degrees within the Digital Media major as well as a Digital Media minor to support students interested in pursuing a career in one of the numerous fields within digital media and cinematic arts. The program also offers a Film Studies minor for those who want more experience analyzing and studying media. Students interested in majoring in Digital Media can choose from a broader degree where they will learn skill sets across various areas of the cinematic arts, or students can choose one of three degrees that go deeper into one field of media. All of the degrees provide direct training and experience in areas associated with audio and video production, digital animation and game design, and writing for film and television; these are all areas of extreme growth in the cinematic arts and media industry. The minor in Digital Media will provide students in all disciplines with the opportunity to gain a range of digital skills that are of interest to them. Recent studies show that having such skills significantly increases a liberal studies student's chances of being hired and increases their base salaries. Additionally, the minor in Film Studies helps students to become critical consumers of the various types of media that saturate our daily lives.

All of the curricula is interdisciplinary, reaching across the University and utilizing the courses and faculty expertise from numerous departments including computer science, English, communication, business, art, world languages, philosophy, theater, and religion. Students will meet and collaborate with students from various fields.

FACULTY
Kristyn Jo Benedyk - *Program Director and Associate Professor, Digital Media*
John Klein - *Assistant Professor, Digital Media*
Kaitlin Creadon - *Adjunct Faculty, Digital Media*
Scott Grenke - *Adjunct Faculty, Digital Media and Computer Science and Information Systems*

Programs

DGA.BA - Animation Game Design BA
DM.BA - Digital Media BA
DM.BS - Digital Media BS
DM.MIN - Digital Media Minor
DMP.BA - Audio and Video Production BA
DMW.BA - Writing for the Cinematic Arts Ba

Courses

CGE-303 Computer Game Design
CGE-401 3 Dimensnl Comptr Game Dsgn
DM-201 Coding for Creatives
DM-250 Computer 3D Modeling
DM-295 Introduction to Film Studies
DM-296 Digital Animation Principles
DM-298 StoryStructures:LitFilmMedia
DM-299 Digital Storytelling
DM-300 Special Topics in Digital Media
DM-301 Cinema and the Soul
DM-305 Introduction to Digital Cinema
DM-312 Ethics in Digital Technology
DM-313 Ethics in Media
DM-317 Introduction to Screenwriting
DM-322 Media For Social Change
DM-375 Digital Media Practicum
DM-398 Game & Animation Concept Art
DM-399 Introduction to Video Editing
DM-417 Advanced Writing for Film & Television
DM-450 Cinematography
DM-451 The Art of Music Video Production
DM-492 Independent Study
DM-495 Honors Independent Research
DM-497 Adv Film & Media Production
DM-499 Digital Media Capstone & Portfolio Dev

ELSA Department

The Elmhurst Learning and Success Academy (ELSA) is a four-year certificate program that offers a full-time college experience for young adults, ages 18 to 28, with diverse abilities. ELSA is a post-secondary program; therefore, students need to have a high school diploma or certificate of completion.

ELSA Mission statement: Elmhurst Learning and Success Academy (ELSA) strives to provide an inclusive environment among degree seeking peers that offers students the opportunity to engage in the college experience through academics, campus life, and career exploration. Degree-seeking students and ELSA students will have the opportunity to learn from and alongside each other.

The ELSA program emphasizes the following primary areas within the curriculum: academics, career exploration, independent living skills, and social engagement. Students in ELSA have the opportunity to live on campus or commute. To be considered for housing, students must attend the program full time, complete the housing assessment conducted by ELSA staff, and have legal guardianship over themselves.

With NCAA Division lll approval for athletics and some fraternity and sorority organizations, students can participate fully in college life at Elmhurst.

ELSA has three focus areas in the program that offer a well-rounded experience for students. These focus areas are:

1. Academics

Students take courses to enhance their writing and mathematics skills. ELSA provides integrated instruction that includes personal finance and the use of technology throughout the program. Additionally, students can take degree-seeking courses, beginning in their second year of study, based on success in their first year. Many students from other programs at the University can work as teaching assistants or education coaches to support student learning in the classroom.

2. Career Exploration

Students learn work readiness skills such as resume building, interviewing, and job searching. They participate in job shadows, take career exploration courses, and participate in internships and other field experiences on and off-campus. Students can also take degree-seeking courses or ELSA core courses based on their interests. University students can work as job coaches to support ELSA students in their internships and jobs, guiding them to learn their workplace roles and increase their independence on the job.

3. Social Engagement

Students take various courses that build skills in communication, personal management, and healthy living. Students can also live inclusively on-campus in residence halls or apartments. Students learn valuable strategies to enhance their skills in budgeting, menu preparation, cooking, shopping, public transportation, household management, personal care, and other functional life skills. Students are part of the Elmhurst University community and can participate in various clubs, organizations, and intramural sports. Participation in these activities is required in multiple courses. Many students from other programs at the University can work as life coaches or community advisors to engage students in planned activities, improve executive functioning skills, and encourage peer interaction and social skills.

ELSA has one goal:

1. To establish a full-time postsecondary experience for young adults with disabilities in a supportive and inclusive environment. Students can enter the program between the age of 18-28.

Courses are taught by faculty and upper-level students, though ELSA students have opportunities to take college level courses as ELSA electives for credit. In addition to the ELSA Certificate of Completion, some students can choose to earn an ELSA Certificate of Specialized Study. After completing their first year, students select four Elmhurst University courses over two years from various areas of interest. Past areas have included English, business, art, music, theater, geography, and informational technology. The courses can include two introduction and two advanced courses and are determined on a case-by-case basis, with the help of the associate director and approval of the department chair. The goal is to create opportunities for ELSA students to enhance their education, improve prospects for employment and increase college integration.

Program Learning Outcomes

Academic Program Learning Outcomes (A)

1. Students will demonstrate basic writing skills **A1**
2. Students will apply principles of financial literacy to everyday life **A2**

Career Program Learning Outcome (C)

1. Students will build skills needed in the career-building process **C1**

Social Program Learning Outcomes (S)

1. Students will engage in community service or extra-curricular activities on and off campus **S1**
2. Students will demonstrate the ability to ask for help from appropriate resources **S2**
3. Students will demonstrate the ability to interact with others professionally and interpersonally **S3**
4. Students will demonstrate positive habits in physical and/or emotional management **S4**

Students are required to receive 32 credits to graduate with a certificate of completion. Students participate with all students at the campus graduation ceremony.

STAFF
Jane Cannata - *Director of ELSA*
Katie Vicari - *Student Life Specialist*
Mary Jo Ramicone - *Career Development Coordinator, ELSA Program*

Programs

ELSA.CP - Elmhurst Learning and Success Academy

Courses

ELS-002 Educational Coaching
ELS-011 Healthy Living I
ELS-013 Healthy Living II
ELS-016 Planning for Future Independence
ELS-018 Career Internship
ELS-019 Community Career Lab
ELS-020 Intro to College Life
ELS-021 Career Exploration & Development
ELS-022 Career by Design
ELS-023 Career & Community
ELS-024 Campus Career Experience
ELS-026 Career-Internship I
ELS-027 Preparing for Future Life
ELS-028 Leadership Skills & Teaming
ELS-031 Communty&Citiznshp-St Issues
ELS-033 Soc Issues/Self Determinatn
ELS-036 Service Learning
ELS-037 Capstone-Service Learning
ELS-038 Communications I
ELS-039 Communications II
ELS-040 Reading & Writing Strategies
ELS-041 Indiv Literacy Needs
ELS-043 Appl of Literacy Skills to Work Environ
ELS-046 Business Writing
ELS-047 Computer Applications I
ELS-052 Concpts & Strategies Math
ELS-054 Computer Applications II
ELS-061 Images to Communication
ELS-071 Oral Storytelling & Math Skills
ELS-082 Financial Smarts I
ELS-083 Financial Smarts II
ELS-084 Financial Smarts III
ELS-085 Financial Smarts IV
ELS-090 Independent Study
ELS-092 Theater & Public Speaking
ELS-095 ELS

Economics Department

The fundamental goals of courses in economics are to develop an understanding of the operation of the economy and the ability to analyze economic problems. To accomplish these objectives, courses in economics describe the major economic institutions and the theory that explains their operations. Major attention is given to the problems of efficiency in the allocation of resources, full employment, price stability and economic growth.

Economics is part of the School of Business. For more information, see the Business catalog page.

FACULTY
Siaw-Peng Wan - *Co-Dean, School of Business; Professor, Finance*
Shaheen Wolff - *Co-Dean, School of Business; Assistant Professor, Marketing*
Vania Adams - *Assistant Professor, Economics*
Avraham Baranes - *Associate Professor, Economics*

Programs

ECO.BA - Economics BA
ECO.BS - Economics BS

Courses

ECO-210 Principles of Microeconomics
ECO-211 Principles of Macroeconomics
ECO-314 International Economics
ECO-410 Money and Banking
ECO-414 Microeconomics
ECO-416 Macroeconomics
ECO-418 Adv Statistics/Econometrics
ECO-419 Seminar in Special Topics
ECO-492 Independent Study
ECO-495 Honors Independent Research

Education Department

The Department of Education at Elmhurst University offers a variety of specialized programs leading to State of Illinois teacher licensure. All of those programs are accredited by the State of Illinois. Accreditation ensures that the Department of Education has met rigorous professional standards and that its graduates have been immersed in programs based upon best practices.

The Department of Education at Elmhurst University prepares innovative and responsive professionals to uphold diversity, equity, and social justice through engagement in transformative education.

Department of Education Goals

Graduates will be able to:

• Develop and implement innovative approaches to content knowledge development that integrate cross-disciplinary knowledge through culturally responsive pedagogy.

• Demonstrate how instructional planning, delivery, and assessment utilizes multiplicity of literacies present in our changing and interdependent world.

• Transform student learning opportunities using equitable and responsive instructional practices and assessments.

• Create classroom environments that are inclusive and representative of students' cultural backgrounds within the classroom, school, and community.

• Engage in authentic experiences with stakeholders (learners, families, colleagues, community) to develop collaborative practices both in and outside of the classroom that cultivate equitable and socially just learning environments

• Engage as critical, reflective practitioners who are committed to inclusive schools that ensure a quality anti-racist education for all students.

The teacher preparation programs listed below have been approved by the Illinois State Board of Education (ISBE). Successful completion of a specific licensure program is applicable to content area tests, and professional teaching assessments are program requirements. State of Illinois licensure requirements are separate from the University's requirements for majors. Licensure is dependent on the requirements in place at the time a Professional Educator License (PEL) is issued (not on admission to the University or to a teacher preparation program). ISBE requires institutions to close programs if there are no active teacher candidates in the program within a three-year period. Prospective students are strongly advised to consult the Department of Education regarding the status of all programs listed below.

Teacher Preparation Programs

• Early Childhood (Birth–2nd grade)

• Elementary (1–6)

• Elementary Special Education

• English (5–8) (9–12)

• Mathematics (5–8) (5–12) (9-12)

• Music (PK-12)

• Physical Education (PK-12)

• Science (5–12): minors in biology, chemistry or physics

• Social Science (5–12): concentration in history or political science

• Special Education (LBSI-Learning Behavior Specialist I) (K-Age 22)

• Theatre (PK-12)

• World Language Education (PK–12): concentration in French or Spanish

At the graduate level, the Department of Education offers a Master of Education in Teacher Leadership and a Master of Science in Special Education. Please refer to the Graduate Study section of this catalog. Graduate-level courses for practicing teachers that do not lead to a master's degree are also offered.

Requirements for Admission to Teacher Licensure Programs

Admission to the University does not guarantee admission to a teacher licensure program.

Admission to a specific teacher licensure program requires:

• Sophomore status (32 earned semester hours) upon entering the program coursework; junior year standing for EYC and ELM and SPE candidates (48 earned semester hours);

• Attainment of C- or better in a minimum of three semester hours of English composition

• A cumulative grade-point average of 2.750 or above from all institutions of higher education

• A major grade-point average of 3.000 for world language education, history and physical education

• A major grade-point average of 2.750 for biology, early childhood education, elementary education, English, music education, political science, special education and theatre arts

• A major grade-point average of 2.500 for chemistry, mathematics and physics

• A completed application with recommendations, a personal statement and copies of current transcripts

• Evidence of an Illinois State Police criminal background check.

• Students who wish to change teacher education programs after they have been admitted must file a request with the director of teacher education admission. Admission is program specific, and admission to one program does not guarantee admission to another.

Grading Requirements

All courses completed to meet licensure or major requirements must be completed for a grade of C- or higher. All education courses must be completed within 10 years of admission to a program. All courses completed in the Department of Education on a Pass/No Pass basis require a C- or higher. Some courses may have higher requirements to earn a pass.

Requirements for Admission to the Clinical Term (Student Teaching)

Candidates apply to student teach in the academic year prior to the year in which they intend to student teach. Candidates cannot be admitted to student teaching until they have passed the appropriate State content area test and completed program-specific requirements.

The appropriate content area test must be passed prior to student teaching. This requirement must be met by August 15 for Fall Term student teachers and by January 15 for Spring Term student teachers. Candidates who have not passed the appropriate content area test(s) may not student teach, but may be eligible to graduate on schedule, receiving a degree in their content area for secondary or K-12 majors without recommendation for licensure.

Field Experiences

All Department of Education programs include field requirements. The Director of Field Experiences will assist candidates in obtaining their field experience placements in partner school districts.

Licensure-Only Students

Non-degree or second-degree candidates pursuing teacher licensure must satisfy any requirements specified by the academic department that will sponsor them in their teacher education programs. In addition, they are required to complete a minimum of three full terms (excluding January Term and Summer Term) prior to student teaching

Transfer Student Limitations on Transfer Credit

Transfer students must meet GPA requirements and complete at least half of their education courses at Elmhurst University, excluding program seminar courses and student teaching. Education courses accepted in transfer must have been completed within the last 10 years at the time of admission to a program with a grade of C- or higher. In addition, transfer students must complete three full terms (Fall and Spring) at Elmhurst University prior to student teaching.

FACULTY
Jeanne White - *Chair, Department of Education, Professor*
Lisa Burke - *Professor*
Diana Brannon - *Professor*
Linda Dauksas - *Professor*
Joe Elliott - *Assistant Professor*
Debra Meyer - *Professor*
Kwadwo Oppong-Wadie - *Assistant Professor*
Amanda Passmore - *Assistant Professor and Director of Graduate Programs*
Theresa Robinson - *Associate Professor*
Simeon Stumme - *Associate Professor*
Beverly Troiano - *Professor*
Jaime Zurheide - *Associate Professor*
PROFESSIONAL EDUCATION FACULTY
Dr. Beth Bell - *Director of Field Experiences*
Dr. Mike Jankiewicz - *Teacher Licensure Officer*
William Slodki - *Director of Teacher Education Admissions*

Programs

EDU.MED - Teacher Leadership ME
ELM.BA - Elementary Teacher Education BA
ELM.BS - Elementary Teacher Education BS
EME.MIN - Elementary School Mathematics Education Minor
ESE.MIN - Educating Students with Exceptionalities Minor
ESL.MTL - English As Second Language MTL
EYC.BA - Educating Young Children BA
EYC.BS - Educating Young Children BS
HED.MIN - Health Education Minor
LBS1.MTL - Graduate Certificate in Special Education Endorsement
MELA.BA - Middle Grades English Language Arts BA
MGM.BS - Middle Grades Mathematics BS
PED.BA - Physical Education Ba Non Certified
PED.BA.SPC12 - Physical Education SPC12 BA
PED.BS - Physical Education BS Non Certified
PED.BS.SPC12 - Physical Education SPC12 BS
REE.MIN - Reading Education Minor
SCED.BA - Secondary Science Education BA
SCED.BS - Secondary Science Education BS
SED.MSED - Education Special Education MSED
SME.BS - Secondary Mathematics Education BS
SPE.BA - Special Education BA
SPE.BS - Special Education BS
SPEL.BA - Elementary Special Education BA
SPEL.BS - Elementary Special Education BS
SSED.BA - Social Science Education BA
SSED.BS - Social Science Education BS
TEL.MIN - Teaching English Learners Minor
TL.MTL - Graduate Certificate in Teacher Leader Endorsement

Courses

EDU-104 Cultural Foundatns Educ U.S.
EDU-121 Prctcm:Mntor,PeerCoach&Tutor
EDU-223 PK-12Learnrs/Exceptionalities
EDU-311 Educational Psychology
EDU-322 Literacy Fundamentals
EDU-328 Inclusive Texts for Pre-K-12 Classrooms
EDU-380 Comparative Studies-Travel
EDU-380T Exploring Education in Argentina
EDU-381 Comparative Studies
EDU-381T Comparative Studies-Travel
EDU-382T Comparative Analysis of Public Education
EDU-421 Practicum in the Field of Education
EDU-430 WritingPedagogy forMiddleLevelClassroom
EDU-441 Adv Content Area Reading in K-8
EDU-445 Literacy Practicum
EDU-492 Independent Study
EDU-495 Honors Independent Research
ELM-300 Curriculum Plan Instructn Primary
ELM-301 Elem Practicum Primary
ELM-314 MethodsMaterialsLit Primary
ELM-341 PrimaryMethodsMathSciSocSci
ELM-350 CurricPlan Instruct Intermed
ELM-352 Elem Practicum Intermed
ELM-372 MethodMaterialLitIntermedMid
ELM-382 IntermMethodsMath Sci SocSci
ELM-419 ElemAssessmentLearningEnv
ELM-450 Elem Practicum Prof Seminar
ELM-451 Student Teaching Elem
ELM-471 ElemReflectivePractSeminar
ELM-498 Elem Ed Capstone Seminar
EYC-300 IntroCurriculumPlanInstruct
EYC-301 Practicum I Birth-3 Natural Environment
EYC-314 EleMethd/MatLiteracyLrnrPriClassroom
EYC-321 Early Intervention Methods
EYC-323 Infant/TodAssessB-3 Typical/AtypicalDev
EYC-326 Typical/ATypicalDevelChildB-5
EYC-327 Typical/AtypLangDev&Literacy
EYC-328 Family&CommunityRelationships
EYC-341 PriClassMethdEleMathSciSocSci
EYC-350 Curric Instruct&Assitive Tech
EYC-352 Practicum II EarlyChildSpecEd
EYC-412 Assessing Young Children
EYC-414 EarlyChildSpecialEd Methods
EYC-416 STEAM Curriculum 3-5 Year Olds
EYC-419 EvidBaseElmentAssess/LrnEnvir
EYC-450 Practicum III-Collab&ProfPrac
EYC-454 Student Teaching
EYC-498 Capstone Seminar
MTL-514 Char Lrnrs with Disabilities
MTL-521 Prof/Community Collaboration
MTL-524 Ed AssmtProcess&LrnrsDisabil
MTL-528 Issues in Teacher Leadership
MTL-530 Special Topics in Instruction
MTL-532 Tchng in the Diverse Classrm
MTL-535 C&I Lrnrs/Hi Incidence Disab
MTL-536 Linking Assessmnt to Lrning
MTL-537 C&I Lrnrs/Lo Incidence Disab
MTL-538 Improvng Sch Climate & Lrng
MTL-541 Spcl Tpcs Admin:
MTL-542 School Law for Leadership
MTL-544 Crss-Cultur Studies Tch Eng Lang Lrners
MTL-558 Theoretical FoundationTeach EngLangLrnr
MTL-567 Culturally-RelevantCurr&Inst
MTL-569 Linguistics SecondLang Lrng
MTL-579 Mthds&Materials TchgEngLangLrnrs
MTL-587 Assessmnt Eng Lang Learners
MTL-591 Action Research in Education
MTL-592 ActnRsrch&ApplBilingualMthds
MTL-597 Promot Professionl Developmnt Sch Improv
MTL-598 Seminar in Leadership
SEC-300 Teaching in Diverse Schools
SEC-310 Meth&BestPrac in Mid&SecEdu
SEC-360 MiddleSchool:HisPhilOrgStuct&BestPrac
SEC-421 Academic Literacies for K-12
SEC-425 Tchg Soc Studies Mid/Sec Sch
SEC-440 Teaching Mid & Secondary School Science
SEC-450 Sem in Collab & Prof Prac
SEC-455 Student Tchg in Sec/Mid Sch
SEC-457A StudentTchg Special Fields
SEC-457B Student Tchg Special Fields
SEC-492 Independent Study in Edu
SPE-300 IntroCurrPlanning&Instruction
SPE-301 Special Edu Practicum Block I
SPE-314 MethodsMaterialsLit Primary
SPE-320 EstProfRelatnship:Comm&Collab
SPE-338 Char Learners Exceptionalitiy
SPE-350 CurricInstruct&AssistiveTech
SPE-352 Special Edu Practicum II
SPE-434 CurrAssessInstruHighDisabilty
SPE-435 LrngEnvironmt/PositvBehavior
SPE-438 CurrAssess&InstructLnrLowDisa
SPE-439 Char&NeedsStudnts/Impairmnts
SPE-440 Diag&RemedRdgDifficulties
SPE-442 Remed/Undrstndng&ApplyMath
SPE-443 Remed/Undrstndng&ApplyMathForSPETeacher
SPE-450 SpecEdPract:Collab&ProfPrac
SPE-458 Student Teaching:Special Educ
TEL-204 CrssCultrl Tchg EngLangLrnrs
TEL-212 Theoretic Found Tchg Eng Lang Lrnrs
TEL-317 Mthds&MaterialTchgEngLangLrnr
TEL-317T Mthds&MaterialTchgEngLangLrnr
TEL-319 Linguistics Sec Lang Lrnrs
TEL-439 Assessmnt Eng Lang Learners
TEL-448 Inquiry&Appl BilngualMthds I
TEL-449 Inquiry&ApplBilngualMthds II

English Department

The Department of English provides students a stimulating undergraduate major or minor developed in consultation with faculty advisors. Students may select a major emphasis in literature or in writing, as well as courses leading to secondary education licensure (SELA). Minors in literature, creative writing, journalism, professional and multimedia writing, rhetoric and theory, and open, are complementary options for other fields of study.

Mission

The Department of English aims to enhance the literacy of Elmhurst University students by maximizing their opportunities for creative and critical inquiry and interpretation through reading, writing, and literary analysis. There are two fundamental aspects to the implementation of this mission: 1. Participation in the University's Integrated Curriculum program 2. Offering an English major and minor, with opportunities for emphasis in literature or writing and for licensure in secondary education

Student Learning Objectives

- Understanding of the nature and uses of language in light of audience and purpose
- Development of evidence-based arguments
- Creative and critical response to literature in light of cultural values and literary history
- Critical reflection on the relationship between theory, research, and practice

Student Learning Outcomes

- Students will be able to identify literary techniques and creative uses of language in literary texts.
- Students will be able to adapt their texts to particular audiences and purposes.
- Students will be able to articulate a thesis and present evidence to support it.
- Students will be able to find, evaluate, and use appropriate bibliographic materials in their texts.
- Students will be able to explain the relevance of themes found in literary texts to contemporary, personal, and cultural values.
- Students will be able to identify genres, conventions, and period-specific discourses and their relevance to broader historical forces.
- Students will be able to describe their own writing practices and how they have evolved.
- Students will be able to apply relevant theoretical concepts to literary or other texts and practices.

FACULTY
Nicholas Behm - *Chair and Professor, English; Director, Center for Scholarship and Teaching*
Bridget O'Rourke - *Director, Writing Program; Professor*
Maria Capecchi - *Assistant Professor*
Dianne Chambers - *Professor, English*
Ann Frank Wake - *Professor, English*
Janice Tuck Lively - *Professor*
Erika McCombs - *Assistant Professor*
Mary Kay Mulvaney - *Director, Honors Program; Professor*
Samuel Rush - *Senior Lecturer*
Elisabeth Stark - *Lecturer*
Natasha Strother-Potvin - *Senior Lecturer*
Eric Tan - *Lecturer*

Programs

CWR.MIN - Creative Writing Minor
ENG.BA - English BA
ENG.BS - English BS
ENG.MIN - English Minor
JRN.MIN - Journalism in English Minor
LIT.MIN - Literature Minor

PMW.MIN - Professional and Multimedia Writing Minor
RHT.MIN - Rhetoric and Theory Minor
SELA.BA - Secondary English Language Arts Education BA

Courses

ENG-105 Composition I
ENG-106 Composition II
ENG-200 Intro to Lit:Designated Genre
ENG-201 Comp III:Clsscl Rhet/Cont Discourse
ENG-220 Principles of Literary Study
ENG-230 Rdgs in Race, Class & Gender
ENG-240 Chicago Stories
ENG-242 YourLife:Memoir/Non-FictWrtg
ENG-261 Literature of the Civil War
ENG-292 Independent Study
ENG-295 Introduction to Film Studies
ENG-298 StoryStructures:LitFilmMedia
ENG-299 Digital Storytelling
ENG-303 Business & Technical Writing
ENG-305 News Reporting
ENG-306 Advanced Reporting
ENG-312 Writing Fiction
ENG-313 Writing Poetry
ENG-314 Children's Literature
ENG-315 Adolescent Literature
ENG-316 Grammar & Politics of Standard English
ENG-317 Introduction to Screenwriting
ENG-321 British Literature I 1800
ENG-322 British Lit II (1750 to 1900)
ENG-330 Epics & Stories, Ancient & Modern
ENG-334 Children's Literature
ENG-335 Women Writers
ENG-336 Contemporary Literature
ENG-341 Literature for Social Change
ENG-345 Shakespeare
ENG-350 Special Topics
ENG-351 American Literature I
ENG-352 American Literature II
ENG-362 NarrativesTchg in Fictn&Film
ENG-365 Media Practicum
ENG-372 Multicultural/Postcolonial Literature
ENG-375 Reading Nature/Writing Nature
ENG-401 Composition IV: Theory & Research
ENG-403 Adv Professional & Multimedia Writing
ENG-410 Advanced Writing Seminar
ENG-412 Advanced Fiction Writing
ENG-415 Literary Theory
ENG-416 History & Structure of English
ENG-417 Adv Writing for Film & Television
ENG-422 StudyIn:Victorian/Neo-Victorian Lit
ENG-423 American Fiction
ENG-440 Middle&HighSchool English&LangArts Mthd
ENG-441 TheTeachingEnglishLangArts in Mid Grade
ENG-451 Advanced Literary Study
ENG-455 ProfPort:DevWritrs:Thry&Appl
ENG-468 Internship
ENG-492 Independent Study
ENG-495 Honors Independent Research

Environmental Studies Department

Environmental studies is the systematic study of human interaction with the natural environment. The environmental studies curriculum provides interdisciplinary, career-focused majors and a minor. With increasing public demand for more environmentally friendly products and services, our metropolitan Chicago location provides a multitude of opportunities for students to gain real-world experiences while participating in and developing innovative sustainability initiatives for both public and private sectors.

An increasing sense of global urgency has created a demand for environmental experts. Classroom instruction, internships, fieldwork, and research projects are combined with field trips, guest speakers, and practical experiences to provide a comprehensive and immersive learning experience in the Environmental Studies program.

Students with a degree in environmental studies pursue careers in a variety of fields depending on their interests, skills, and experience. Careers for environmental studies majors include: environmental policy analysis for city, state, and federal government agencies; urban and regional planning; environmental advocacy; natural resource management, and private sector businesses (including technology companies, environmental consulting firms, construction companies, oil companies, and law firms). A degree in environmental studies also prepares students for graduate study in a variety of disciplines and programs. Among the possibilities are advanced degrees in environmental studies, political science, environmental ethics/ philosophy, conservation, urban studies and planning, wildlife management and enforcement, communications, geographical information systems, law, public administration, and several of the natural sciences.

Program Learning Outcomes

After completing the major in environmental studies, students will be able to:

• Articulate the interconnected and interdisciplinary nature of environmental studies;

• Demonstrate an integrative approach to environmental issues with a focus on sustainability;

• Use critical thinking, problem-solving, and the methodological approaches of the social sciences, natural sciences, and humanities in environmental problem solving;

• Communicate complex environmental information to both technical and non-technical audiences;

• Understand and evaluate the global scale of environmental problems; and

• Reflect critically on their roles, responsibilities, and identities as citizens, consumers and environmental actors in a complex, interconnected world.

Environmental Studies Program Mission Statement:

The Environmental Studies Program at Elmhurst University focuses on worldwide environmental challenges. Through interdisciplinary academic courses, internships, experiential, and co-curricular activities our students become passionate stewards of the environment, scholars in sustainability and environmental management, and experts in environmental studies. With a focus on environmental justice, students develop critical-thinking skills, analyze real-world problems, and understand the power of narrative to create sustainable solutions for local and global communities.

Environmental Studies Program Goals:

To provide students with a broad interdisciplinary liberal arts framework for understanding the relationship between humans and their environment;

To provide students with informed perspectives on biological and physical processes relevant to environmental problems, to help students understand responsible environmental policy and practice, and to engage students in ethical reflection regarding environmental problems in local, regional, national, and global communities;

To prepare students for careers, citizenship, and environmental stewardship through experiential curricular and co-curricular opportunities;

To equip students with the knowledge and skills necessary to pursue professional careers and advanced study related to the multifaceted nature of environmental studies; and

To serve as an environmental resource, through service, outreach, and engagement, to the Chicago metropolitan region.

Environmental Studies Program Objectives:

Students will integrate knowledge from multiple disciplines representing physical and life sciences perspectives, political and economic perspectives, and social and cultural perspectives on humans' interactions with their environments;

Students will contribute to and facilitate interdisciplinary research and problem solving, through independent and collaborative work.

FACULTY
Kelly K. Mikenas - *Director, Environmental Studies Program; Assistant Professor, Biology*

Programs

ES.BA - Environmental Studies BA
ES.BS - Environmental Studies BS

ES.MIN - Environmental Studies Minor

Courses

ES-100 Intro to EnvironmentalStudies
ES-200 Environmental Science I
ES-201 Environmental Science II
ES-255 Gardening to Give
ES-310 Environmental Science & Health
ES-320 Sustainable Urban Development
ES-350 Special Topics Environmental Studies
ES-370 Environmental Sociology
ES-400 Practical Appl of Env Studies
ES-410 Environmental Law
ES-421 Fieldwork in Environmental Studies
ES-468 Environmental Studies Internship
ES-492 Independ Study in Environmental Studies
ES-495 Honors Independent Research
ES-499 Senior Capstone

Geography & Geosciences Department

In simple terms, geography is the study of the "whys" and "hows" of "where": why the physical and human features of the earth are where they are; how their locations determine their makeup; and how they influence—and are influenced by—what is near to or far from them. In other words, location matters. So does proximity. Geography uses a spatial perspective to make sense of the world and the relationships that exist between humans and the physical environment. Retail site selection, crime analysis, supply chain management, urban planning, public health policymaking— all of these processes are based on spatial data. The spatial perspective is applied to these and many other activities on a systematic, regional, descriptive and analytical basis, and the coursework in the department reflects this diversity of approaches, applications and career paths.

The two majors and two minors in the Department of Geography and GIS are designed to prepare students for careers in the private sector and in government at the local, state and federal levels. Our graduates pursue careers as geographic information systems technicians, analysts and managers; urban and regional planners; geospatial intelligence (GEOINT) analysts; utility mapping technicians; business location analysts; cartographers; and many other key roles in the expanding geospatial workforce.

Coursework in the department also prepares students for careers in geographic education in elementary, middle and secondary schools. In addition to the varied, in-depth coursework in the department, internship, mentoring and job shadowing opportunities facilitate graduates' pursuit of their chosen careers. Both of the majors in the department are also appropriate for students wishing to pursue graduate programs in geography and geographic information science.

The interdisciplinary nature of geography and the GIS spatial toolset provide students majoring in other natural or social sciences with a second major or a minor that may complement their primary field of study. For example, the versatility of a double major in business, computer science, urban studies or political science combined with geography or geographic information systems is attractive to many employers. In recent years, several biology majors have added a minor in GIS that allowed them to map and analyze species habitats. The department actively participates in the interdisciplinary majors/ minors of urban studies, logistics and supply chain management, international business, intercultural studies and education.

Departmental facilities include a GIS lab with multiple software platforms, large monitors and plotters. The department also maintains mobile GPS equipment. In addition, the department has an outstanding collection of maps and geographic references. Many students in the department are members of Gamma Theta Upsilon, the national geography honor society, and Pi Gamma Mu, a national honor society for social science majors. The Elmhurst University Geographical Society is an active student organization on campus. Elmhurst University established the first student chapter of the Illinois GIS Association (ILGISA).

Students interested in educational and career opportunities in geography or geographic information science should contact the department for information or consult our website (elmhurst.edu/geography).

Mission Statement

The mission of the Department of Geography and GIS is to provide majors, minors and non-majors/minors alike with a thorough knowledge and understanding of the Earth's physical and human environments and the relationships between them. By offering a wide variety of courses, the department is able to address the varied applications and technological advancements in geography and GIS. Through experiencing the depth and breadth of coursework within the department, students will be prepared for a range of professional careers in the private and public sectors as well as graduate school.

Goals of the Department

• To enable students to recognize and apply the fundamental themes, concepts and methodologies of geography while thinking critically, analytically, spatially and creatively about geospatial issues and problems

• To enable students to interpret and analyze the interrelationship between physical and human systems and environments

• To provide students with research and professional experience through original individual and collaborative research initiatives with faculty and fellow students as well as professional internships, mentoring and job shadowing opportunities in support of Elmhurst University's mission regarding professional preparation.

FACULTY
Judith Bock - *Instructor, Geography and GIS; Program Director, M.S. in Geography and Environmental Studies; Certificate in GIS*
Carmella A. Burdi - *Adjunct Faculty*
Alexander Hari - *Adjunct Faculty*
Mary Moses - *Adjunct Faculty*
Matt Poleski - *Adjunct Faculty*
Karen Robbins - *Adjunct Faculty*
Christopher Sadowski - *Adjunct Faculty*
Scott Schlueter - *Adjunct Faculty*
Elizabeth Sofronas - *Adjunct Faculty*
Vladimir Vojvodic - *Adjunct Faculty*
Ken Yanow - *Adjunct Faculty*
Paulus Zandbergen - *Adjunct Faculty*

Programs

GIS.MIN - Geographic Information Systems Minor

Courses

AGS-500 Fund Geospatial Technologies
AGS-510 Remote Sensing Technologies
AGS-520 Geospatial Programming
AGS-530 Principles of Geodatabases
AGS-540 Spatial Analysis&Web Mapping
AGS-550 Adv Spatial Analysis
AGS-554 Geopolitics & Geospatial Intelligence
AGS-560 Graduate Internship
AGS-580 E-Portfolio&Rsrch Seminar
AGS-590 Geospatial Thesis
AGS-591 Geospatial Capstone
AGS-592 GeospatialCapstoneProj MS-GIS
APH-500 Teaching AP Human Geography
APH-501 LrnTch SpatialConcpts&Tools
APH-502 ImplemntSpatlCncptsToolsClss
APH-503 TchUrban,Econ,Pop Geo Issues
APH-504 APHG Capstone
GEO-105 Intro Atmospheric Science
GEO-111 Regional Stdy of Modern Industrial World
GEO-112 Regional Study of the Developing World
GEO-207 Foundations of GIS
GEO-218 Geography of Religion
GEO-268 Internship
GEO-292 Independent Study
GEO-302 Urban Applications of GIS
GEO-304 Essentials of Environmental Toxicology
GEO-309 Spatial Analysis
GEO-313 Regional Study of Former Soviet Union
GEO-320 Natural Hazards
GEO-341 Natural Hazards
GEO-400 Adv Spatial Analysis
GEO-452 Spec Tpcs:Geo & Geosciences
GEO-468 Internship
GEO-470 Research Methods in Geography
GEO-471 Senior Research Seminar
GEO-492 Independent Study
GIS-100 IntroGeospatial Technolgies
GIS-200 Remote Sensing Techniques
GIS-300 Geospatial Capstone
ISG-100 GIS Programming
ISG-200 Implementing Geodatabases

History Department

History has always been the linchpin of academe to the tradition of humankind and, as a discipline, is among the most revered and relevant of the liberal arts. All knowledge has a history, and the study of history is the beginning of the varieties of knowledge.

Majors in history who expect to do graduate work for the degree of Master of Arts or Doctor of Philosophy, particularly the latter, should plan to study two foreign languages while at Elmhurst University. The requirements of universities vary, but they usually include a reading knowledge of two foreign languages, tested by a written examination.

History majors planning to attend law school upon completion of a degree at Elmhurst University are encouraged to pursue a balanced program between American and English history. POL 412 Constitutional Law is also recommended.

Courses offered by the Department of History may be counted toward some Integrated Curriculum requirements or a major or minor in history.

Mission Statement

The mission of the history department is to serve the academic needs of majors and non-majors alike by acquainting them with knowledge of the past and providing them with the skills to understand and analyze trends, personalities and movements that have shaped events. As Jefferson so aptly put it: "History by apprising them of the past will enable them to judge of the future; it will avail them of the experience of other times and other nations; it will qualify them under every disguise it may assume; and knowing it, to defeat its views."

Goals of the Department

- To allow students to develop a sense of history
- To encourage critical thinking and the understanding of cause-and-effect relationships
- To urge the development of clear and persuasive use of oral and written expression
- To become aware of the diversity and commonality of peoples through history
- To appreciate the profound story of our collective past in a variety of national arenas and eras
- To enjoy the pleasure of viewing life in its previous struggles and triumphs
- To learn to love the life of the mind and the production of ideas

Student Learning Outcomes for History Majors

Students are to:

- Engage in independent research on a historical issue and provide arguments based upon said research
- Master historical content, revel in the creative process, be a lifelong learner, value democratic processes and understand Western culture
- Be knowledgeable in the field and model teaching styles (for those in teacher education)

FACULTY
Robert W. Butler - *Chair and Professor*
Karen Benjamin - *Associate Professor*
Sydney Marshall - *Lecturer*

Programs

HIS.BA - History BA
HIS.BS - History BS
HIS.MIN - History Minor

Courses

HIS-101 American History Before 1865
HIS-102 The United States from 1865 to Present
HIS-111 Survey of Western Civilization I
HIS-112 Survey of Western Civilization II
HIS-116 Survey of Non-Western Civilization II
HIS-170 Latin American History
HIS-212 Role of Great Personalities in History
HIS-215 Intro to Women's History
HIS-292 Independent Study
HIS-311 England to the Stuart Age
HIS-312 Modern Britain
HIS-321 Colonial America
HIS-322 Revolutionary America
HIS-323 Industrial Age America
HIS-324 United States in 20th Century
HIS-343 Medieval History

HIS-344 The Renaissance and the Reformation
HIS-353 The American West
HIS-354 U.S. Environmental History
HIS-355 Forming the Chicago Ghetto
HIS-365 History of East Africa
HIS-367 History of West Africa & Slave Trade
HIS-371 History of Africa, 1500-1960
HIS-443 His of Europe:1815-Eve World War I
HIS-444 Europe in 20th Century
HIS-445 Topical History Seminar
HIS-451 Seminar in Historiography
HIS-452 Senior Thesis
HIS-468 Internship
HIS-492 Independent Study
HIS-495 Honors Independent Research

Honors Program Department

Established in 1965, the Elmhurst University Honors Program provides honors-level liberal arts education dedicated to self-development and professional preparation. Designed to ensure that students experience both intellectual independence and academic achievement, the Honors Program fosters intellectual relationships among students and faculty and staff in support of the free exchange of ideas to enhance the integration of liberal learning and professional activity and to develop its members as future societal leaders in an increasingly global world.

Qualified students in any major may participate in the Honors Program. Honors Program students are concurrently enrolled in one of the University's undergraduate programs through which they earn their bachelor's degrees. Study in the Honors Program is intended to complement the curricula of all academic programs, providing students the benefits of challenging coursework with recognized teacher-scholars and other academically motivated students. Many Honors Program courses fulfill the University's Integrated Curriculum requirements.

To be considered for the Honors Program, students must first be admitted to Elmhurst University. First-year and transfer students with excellent academic records are invited to apply for admission to the Honors Program. Students who demonstrate superior academic achievement while at Elmhurst and then present a faculty recommendation may also apply to the Program.

Program participants are expected to contribute to the well-being of the common life of the University, to maintain a strong academic record consistent with the expectations of the Honors Program and with the requirements of their academic scholarships, and to actively participate in Honors Program activities.

Participation in the Honors Program becomes a part of the student's permanent academic record. Transcripts and diplomas acknowledge each participant as an Honors Program Member, an Honors Program Scholar or an Honors Program Global Scholar; students completing the Honors Program are recognized at the University's Honors Convocation.

Mission Statement

The Elmhurst University Honors Program affords a unique, enhanced educational experience for distinguished undergraduates committed to the pursuit of academic excellence. Fostering intellectual independence, scholarly achievement and the integration of liberal learning and professional activity, the interdisciplinary program nurtures a community of learners and contributes to the intellectual vibrancy of the entire University.

Program Goals

- Provide intellectually stimulating experiences within courses and beyond
- Contribute to campus intellectual vibrancy
- Foster leadership skills
- Promote Service Learning and civic engagement opportunities
- Encourage international experiences and broader intercultural awareness
- Maintain a strong sense of community among participants and between students and faculty
- Support research opportunities
- Network with other Honors Program organizations to enhance our program

Program Description

The Honors Program combines unique academic opportunities with cultural and social activities throughout a student's college career.

Academic opportunities include honors versions of Integrated Curriculum courses, topic-based January Term electives, Honors Directed Readings, Honors Service Seminar, Honors Intercultural Seminar, Honors Model UN, advanced interdisciplinary seminars, study abroad options and independent research with faculty mentors.

It is strongly recommended that students take one Honors course per term, especially during the first two years. Participation in the program can result in one of three possible distinctions on a student's transcript and diploma upon graduation from Elmhurst University.

Director: Mary Kay Mulvaney

Associate Director: Mladen Turk

Courses

HON-104 HonSem:ENG106 Comp II
HON-105 HonSem:COM 114 Interpersonal Comm
HON-204 HonSem:Eng 220-Principles of Lit Study
HON-210 Honors Seminar: URB 210 Cities
HON-212 HonSem: ES200 Environmental Science I
HON-213 HonSem: WL215:Geno&Holocaust
HON-214 Development of the Theatre
HON-215 HonSem: ART120 Painting Studio
HON-250 Intercultural Seminar
HON-251 British Life and Culture
HON-300 Honors Service Seminar
HON-302 HonSem:COM315-Intercultrural Communicat
HON-303 HonSem:REL323-Religion & Science
HON-304 HonSem:PHL306-Ethics
HON-305 HonSem:REL302-Biblical Prophets
HON-310 Model United Nations
HON-313 Honors Sem: PSY 303 Social Psychology
HON-314 HonSem: HIS 355 Forming Chicago Ghetto
HON-315 HonSem: SOC 304 Race & Ethnic Relations
HON-316 Honsem: Psy 333 Human Sexualit
HON-317 HonSem:ENG336ComtemporaryLiterature
HON-318 HonSem:WL309 World Cinema
HON-320 Chicago's Great Libraries
HON-322 January Term Honors Options
HON-326 Jan Term Honors Electives
HON-328 Going to the Movies
HON-329 Intro To Academic Research
HON-330 Courage to Change
HON-331 HonSem:PSY320 CurrentApplications Psych
HON-332 Exploring African American Women's Voice
HON-333 Don't Dis That Disability!
HON-334 Honors Directed Cinema
HON-350 Honors Directed Readings
HON-351 Global Reflection
HON-404 Honors Interdisc. Seminar
MLD-301T CitiesofEngland:aCityasTextExploration

Interdepartmental Department

The Integrated Curriculum encourages the development of bidisciplinary courses that exemplify the curricular goals of interdisciplinary and integration.

In these courses, students are introduced to a topic or issue from the perspectives of two different disciplines. Bidisciplinary courses are team taught by two faculty members and are explicitly designed to fulfill two areas of knowledge in the Integrated Curriculum. Bidisciplinary courses may also be taken for elective credit and, in some cases, as designated by the department, for major or minor credit.

Programs

BLS - Liberal Studies BLS

Courses

BID-205 ENG/POL UndrstndgPolThruLit
BID-300 PHL/PSY Neuroethics
BID-301 COM/PHL Film Philosophy
BID-312 Eng/Mus Theater & Mus Scene in Chicago
BID-322 EDU/PHL Philosophy of Human Abilities
BID-330 Phl/Pol Federal Politics & Media Ethics

BID-332 ENG/WL Martinique:Cultures of Slavery
BID-350 Mozart, Beethoven & Beyond
BID-350T Mozart Beethoven and Beyond
BID-355 POL/REL:NativAmer:PubPol/Rel
BID-357 ENG/POL Feminist Poetry
BID-385 BUS/COMCapitlThruDocumntFilm
FEX-368 Field Experience
FYS-100 First Year Seminar
KEY-115 Science Bootcamp
KEY-120 KEYSTONE STEMinar
MLD-300 Explorations In Social Justice:

Kinesiology Department

Kinesiology is an academic discipline that involves the study of physical activity and its impact on health, society and quality of life. It includes, but is not limited to, such areas of study as exercise science, sport management, sociocultural analyses of sports, sport and exercise psychology, coaching and fitness leadership, management functions, business principles and preprofessional training for physical therapy, occupational therapy, medicine and other health-related fields.

The Department of Kinesiology at Elmhurst University offers two dynamic majors in Exercise Science and Sport Management. The mission of the department is to impart knowledge and offer practical experience that prepares students for future career and academic pursuits. The curriculum combines a comprehensive liberal arts education with in-depth study in the student's particular area of interest. Students graduating from the Department of Kinesiology are prepared as independent critical thinkers who possess an extensive understanding in either an area of physical activity and movement, which are fundamental to human vitality, growth, development and maturation or through an interdisciplinary academic field that prepares students for careers in the sport industry with emphasis on management, business, communication and leadership.

The Department of Kinesiology aligns its mission within the framework of the University's mission, goals and strategic plan by creating an environment in which our students build on their liberal learning as they prepare for professional learning through pedagogical innovation, scholarship and creative expression.

Learning Outcomes

Students will:

• Develop knowledge and understanding in concepts related to kinesiology

• Integrate career-related experiences with classroom learning

• Prepare for entry-level positions or to be competitive applicants for graduate/professional schools

FACULTY
Michael Bryant - *Assistant Professor, Sport Management*
Charles Goehl - *Professor*
Heather Hall - *Professor, Exercise Science* **Brandon Male** - *Assistant Professor, Exercise Science* **Myshel Rodenbeck** - *Lecturer*

Programs

COA.MIN - Coaching Minor
EXS.BA - Exercise Science BA
EXS.BS - Exercise Science BS
SM.BA - Sport Management BA
SM.BS - Sport Management BS
SM.MIN - Sport Management Minor

Courses

KIN-120 Martial Arts
KIN-125 Yoga
KIN-137 Golf
KIN-140 Pilates
KIN-156 Weight Training
KIN-200 Lifestyle for Health & Wellness
KIN-204 Emergency Procedures
KIN-210 Foundations of Sport Management
KIN-250 Substance Use & Abuse in Society
KIN-268 Internship
KIN-270 Organization & Administration of Sport
KIN-285 Coaching Theory
KIN-292 Independent Study
KIN-301 Sport Marketing & Industry Analysis

KIN-306 Nutrition
KIN-310 Functional Anatomy
KIN-320 Human Physiology
KIN-322 Sport & Society
KIN-323 Sport & Exercise Psychology
KIN-323T Sport&ExercisePsychologyTrvl
KIN-340 Exercise Physiology
KIN-340L Exercise Physiology Lab
KIN-380 History of Sport
KIN-392 Walk El Camino de Santiago
KIN-401 Sport Events & Facilities
KIN-415 Sport Law & Ethics
KIN-420 Biomechanics
KIN-450 Clinical Internship
KIN-450M Clinical Internship
KIN-462 Exercise Testing & Prescription
KIN-468 Internship
KIN-480 Sport Management Capstone
KIN-490 Rsrch Mthds in Exercise Sci
KIN-492 Independent Study
PE-202 Individual and Dual Sports
PE-203 Team Sports
PE-230 School Health K-12 Teach Mthd
PE-235 Curriculum Design in Phy Educ & Hlth E
PE-240 Community Health
PE-292 Independent Study
PE-312 Phy Educ for Special Population
PE-346 Human Sexuality
PE-360 Contemporary Concepts in Health
PE-370 Instr Tech/Elem Sch Phys Educ
PE-410 Kinesiology
PE-440 InstTech Mid/Sec PhyEd Ped
PE-445 Measurement & Evaluation for Phy Educ
PE-492 Independent Study

Mathematics Department

Mathematics is the art of creative problem solving, the science of pattern and structure, and the quantitative language of the world. As such, it touches all academic disciplines. Graduates with a mathematics major have the problem-solving skills and analytical tools needed to understand and work with patterns, to solve difficult problems independently, and to assimilate new concepts rapidly.

Our alumni include accountants, actuaries, college and university professors, computer programmers, comptrollers, data processing managers, economists, engineers, government workers, independent business owners, independent consultants, industrial mathematicians, insurance company executives, investment managers, middle school and high school teachers, ministers, physicists, sales managers, and systems analysts.

Elmhurst has an active mathematics and computer science club and also participates in ACCA, the Associated Colleges of the Chicago Area, as well as the MAA, the Mathematical Association of America. These organizations provide students with opportunities to interact with professors outside of the classroom. In addition, there is an on-campus chapter of Pi Mu Epsilon, the national mathematics honorary society.

The mathematics department aims to place prospective majors in the most advanced courses for which they qualify. Students should study the course descriptions and prerequisites, remembering that grades of C or better are expected in any prerequisite course. Students who have successfully completed some calculus should consult with a mathematics faculty member for proper placement and credit. Scores on the advanced placement test in mathematics are useful in such placement and awarding of credit.

A 2.0 grade-point average is necessary in courses satisfying major or minor requirements.

The curriculum in mathematics is based on recommendations by the Mathematical Association of America.

FACULTY
Abigail Hoit - *Chair and Associate Professor, Mathematics*
Evans Afenya - *Professor*
Catherine Crawford - *Associate Professor*
Nelda Lord Wade - *Lecturer*
Aileen Murphy - *Lecturer*
Allen Rogers - *Professor*
Tung Nguyen - *Assistant Professor*
Renad Alrousan - *Adjunct Faculty*
Ellen Deinzer - *Adjunct Faculty*
Michael Fleischer - *Adjunct Faculty*
Jennifer Jeffrey - *Adjunct Faculty*
Dave Morton - *Adjunct Faculty*
Kirsten Muth - *Adjunct Faculty*
Jelena Savic - *Adjunct Faculty*
Andrew Shulman - *Adjunct Faculty*
Gregory Spahn - *Adjunct Faculty*
Natalie Stach Wilen - *Adjunct Faculty*
Daniel Wilson - *Adjunct Faculty*

Programs

ACT.BS - Actuarial Science BS
EME.MIN - Elementary School Mathematics Education Minor
MGM.BS - Middle Grades Mathematics BS
MTH.BS - Mathematics BS
MTH.MIN - Mathematics Minor
SME.BS - Secondary Mathematics Education BS

Courses

MTH-110 Intro to Concepts in Math & Computing
MTH-111 Intro to Math Methods & Applications
MTH-121 College Algebra
MTH-126 Business Calculus
MTH-132 Precalculus
MTH-146 Intro to Visual Analytics
MTH-151 Calculus I
MTH-152 Calculus II
MTH-251 Calculus III
MTH-292 Independent Study
MTH-301 Discrete Mathematics
MTH-302 DiscreteMathII:Struct&Algorit
MTH-311 Intro to Math & Computer-Based Modeling
MTH-325 Math Concepts for Elementary Teachers I
MTH-326 Math Concepts for Elementary Teachers II
MTH-327 Essentials of Statistics
MTH-331 Foundations of Geometry
MTH-341 Differential Equations
MTH-342 Applied Analysis
MTH-345 Elementary Statistics
MTH-346 Statistics for Scientists
MTH-348 Adv Statistics/Econometrics
MTH-351 Mathematics of Finance
MTH-361 Abstract Algebra
MTH-362 Linear Algebra
MTH-381 Real Analysis
MTH-400 Research Methods in Mathematics
MTH-421 Probability Theory
MTH-422 Mathematical Statistics
MTH-434 Complex Variables
MTH-440 Teaching Middle & Secondary School Math
MTH-444 Topology
MTH-451 Senior Paper
MTH-468 Internship
MTH-492 Independent Study
MTH-495 Honors Independent Research
MTH-498 Topics in Mathematics

Music Department

The Elmhurst University Department of Music strives to engage students in relevant learning experiences that provide students with the background needed for a successful career path in music. Our programs prepare students for musical careers including but not limited to performing musicians, scholars, teachers, sound recording engineers, composers, and performing arts managers, through comprehensive coursework and current pedagogies. Our wide range of course offerings include programs to foster artistic and musical growth, meaningful experiences, with both proven practices and forward-thinking innovation in the field of music. We strive to provide each student with a safe and challenging learning environment where students have opportunities to collaborate with their peers, faculty, and professional musicians from Illinois and beyond.

The faculty of the Elmhurst University Department of Music are dedicated to:

1. Support students' comprehension of requisite musical core curriculum in the development of a broad musical foundation towards the application of personal musicianship skills.

2. Foster student engagement in authentic experiences with professional musicians and practitioners outside of the Elmhurst University community to develop relevant and real-life learning experiences.

3. Engage students as life-long learners and scholars, instilling the pursuit of continued musical and professional growth.

4. Nurture an environment where students embody the highest standards of musical professionalism and integrity.

5. Create classroom and musical laboratory environments that are inclusive and representative of students' cultural backgrounds and offer a diverse repertoire of materials and experiences.

Majors in Music

Admission to any degree program in the music department is dependent upon successful completion of an audition interview with members of the music department faculty prior to the first term. This audition interview also serves as a screening procedure for music scholarship awards. Audition dates and times should be arranged with the music department office. All majors are required to present MUS 130,131,132,133, 135, 136, 235, 236, 343 and 344 as a part of their graduation requirements.* They must also have at least six terms of applied music lessons taken on the college level on their major instrument or voice with the exception of Music Performance majors, who must take eight terms on their major instrument or voice with the last four terms taken for (.50) credit. For students enrolling as first-year students, these six terms must be taken at Elmhurst University. For transfer students, up to three terms of acceptable prior credit may be applied to this requirement.

Each student must also attain and maintain membership in a major performing ensemble while a full-time music major at Elmhurst University on their major instrument or voice. Except for music education majors, guitar majors may select Classical Guitar Ensemble to fulfill this requirement. See specific degree programs for ensemble requirements. All music majors are also required to take MUS 100 Concert Attendance each term. Full-time students must attend a minimum of eight performances each term.

A minimum cumulative grade-point average of 2.5 overall and 2.75 in music must be achieved by the student to be advanced to the junior level in music. These levels must then be maintained. Students below these standards may direct a request for a review of their status to the department chair. Music majors must pass the Keyboard Musicianship Examination (or MUS 222) as described in the department handbook prior to graduation, with the exception of music education majors, who must pass the keyboard musicianship examination prior to student teaching. Details of the programs, policies and certificates for music majors are found in the department handbook.

FACULTY
James Hile - Chair and Assistant Professor, Department of Music
Gayle Bisesi - Director of Music Admission, Vocal Jazz Ensemble
Sarah Jaewon Catt – Assistant Professor, Director of Choral Activities
David DeVasto - Associate Professor, Music Theory and Composition
Kirk Garrison – Assistant Professor, Director of the Elmhurst University Jazz Band
Dianne Goldman - Assistant Professor, Music History
Adam Kehl – Associate Professor, Director of Bands
Taka Matsunaga - Assistant Professor, Director of Orchestras
Deborah Peot - Assistant Professor, Director of Music Education
Joshua Rodriguez - Associate Professor, Music Theory and Composition
John Towner - Director of Music Business
Neal Alger - Adjunct Faculty, Jazz Guitar, Director Gretsch Guitar Ensemble
Eleanor Bartsch - Adjunct Faculty, Violin
Matthew Beck - Adjunct Faculty, Saxophone
Marie Bennett - Adjunct Faculty, Flute
Susan Blaese - Adjunct Faculty, Strings, Director Varsity Strings
Heather Boehm - Adjunct Faculty, Music Business
Linda Camp - Adjunct Faculty, Piano and Accompanying
Emma Castaldi - Adjunct Faculty, Chamber Choral Singers
Mark Chorazyczewski - Adjunct Faculty, Music Education
Andrea DiOrio - Adjunct Faculty, Clarinet, Head of Woodwind Area
Virginia Dixon - Adjunct Faculty, String Bass
John Dorhauer - Adjunct Faculty, Music Theory and Composition
Edgar Gabriel - Adjunct Faculty, Violin/Viola, Jazz Improvisation
Tom Garling - Adjunct Faculty, Trombone, Composition, Arranging
Alice Grubb - Adjunct Faculty, Music Education
Francois Henkins - Adjunct Faculty, Violin
Dave Hiltebrand - Adjunct Faculty, Digital Music
Todd Howell - Adjunct Faculty, Percussion
Roger Jansen - Adjunct Faculty, Music Business
Soyoung Kee - Adjunct Faculty, Head of Piano Area
Lawrence Kohut - Adjunct Faculty, Bass
Brenda Lualdi - Adjunct Faculty, Head of Vocal Area
Anthony Lentino – Adjunct Faculty, Music Business
Andrew Marlin – Adjunct Faculty, Bassoon
Elisabeth Marshal – Adjunct Faculty, Voice
Barbara Masters - Adjunct Faculty, Piano
Jennifer Mather - Adjunct Faculty, Voice
Eric Morong - Adjunct Faculty, Dir. Varsity Strings

FACULTY
Dan Nicholson - Adjunct Faculty, Saxophone, Head of Jazz Combos
Chris O'Hara - Adjunct Faculty, Trumpet, Head of Brass Area
Julie Popplewell - Adjunct Faculty, Oboe
Amali Premawardhana - Adjunct Faculty, Cello
Nicholas Pulikowski – Adjunct Faculty, Voice
Emma Sepmeier – Adjunct Faculty, French Horn
Thomas Stark - Adjunct Faculty, Trombone
Wendy Unrath - Adjunct Faculty, Piano
Steve Vazquez - Adjunct Faculty, Guitar
Marshall Vente - Adjunct Faculty, Jazz
Michelle Wahl – Adjunct Faculty, Music Business
Benjamin Weber - Adjunct Faculty, Viola
Josh Wirt - Adjunct Faculty, Tuba
Deanna Witkowski - Adjunct Faculty, Jazz Piano

Programs

JZS.BM - Jazz Studies BM
JZS.MIN - Jazz Studies Minor
MCO.MIN - Composition/Arranging Minor
MED.BM - Music Education Bm- Non Certified
MED.BM.SPC12 - Music Education SPC12 BM
MI.BA - Music Industry BA
MI.MIN - Music Industry Minor
MP.BM - Music Performance BM
MPR.BM - Music Production BM
MPR.MIN - Music Production Minor
MTC.BM - Music/Theory and Composition BM
MUB.BM - Music Business BM
MUB.BS - Music Business BS
MUPOP.MIN - Popular Music Studies Minor
MUS.BA - Music BA
MUS.MIN - Music Minor

Courses

AMA-011 Non-Credit Arranging & Scoring
AMA-202 Arranging & Scoring
AMA-302 Arranging & Scoring
AMB-011 Non-Credit Brass
AMB-202 Brass
AMB-302 Brass
AMC-011 Non-Credit Composition
AMC-022 Non-Credit Film Scoring
AMC-041 Non-credit Songwriting
AMC-100 Composition Seminar
AMC-202 Composition
AMC-222 Film Scoring
AMC-242 Songwriting
AMC-300 Composition Seminar
AMC-302 Composition
AMC-322 Film Scoring
AMC-342 Songwriting
AMD-011 Non-Credit Percussion
AMD-202 Percussion
AMD-302 Percussion
AME-202 Piano Pedagogy I and II
AME-302 Piano Pedagogy
AME-351 Perform Tech & Pedagogy II
AMG-011 Non-Credit Guitar
AMG-202 Guitar
AMG-302 Guitar
AMH-011 Non-Credit Harpsichord
AMH-202 Harpsichord
AMH-302 Harpsichord
AMJ-011 Non-Credit Jazz Improvisation
AMJ-202 Jazz Improvisation
AMJ-302 Jazz Improvisation
AMK-011 Non-Cred Sightsing/Aural Skill
AMK-202 Sight Singing/Aural Skills
AMK-302 Sight Singing/Aural Skills
AML-011 Non Credit MIDI/Elect Comp
AML-202 MIDI/Electronic Composition
AML-302 MIDI/Electronic Composition
AMM-011 Non-Credit Accompanying
AMM-202 Accompanying

AMM-302 Accompanying
AMN-102 Applied Music Novice
AMN-202 Applied Music Novice
AMO-011 Non-Credit Organ
AMO-202 Organ
AMO-302 Organ
AMP-011 Non-Credit Piano
AMP-202 Piano
AMP-302 Piano
AMQ-011 Non-Credit Jazz Combo
AMQ-202 Jazz Combo
AMQ-302 Jazz Combo
AMR-011 Non-Credit Sound Recording
AMR-202 Sound Recording
AMR-302 Sound Recording
AMS-011 Non-Credit Strings
AMS-202 Strings
AMS-302 Strings
AMT-011 Non-Credit Musical Theatre Voice
AMT-202 Musical Theatre Voice
AMT-302 Musical Theatre Voice
AMU-011 Non-Cred Appld Mus Perform
AMU-202 Applied Music Performance
AMU-302 Applied Music Performance
AMV-011 Non-Credit Voice
AMV-202 Voice
AMV-302 Voice
AMW-011 Non-Credit Woodwinds
AMW-202 Woodwinds
AMW-302 Woodwinds
AMX-011 Non-Credit MIDI Recording
AMX-202 MIDI Recording
AMX-302 MIDI Recording
AMY-011 Non-Credit Classical Ensemble
AMY-202 Classical Ensemble
AMY-302 Classical Ensembles
AMZ-011 Non-Credit New Music Chamber Ensemble
AMZ-202 New Music Collective
AMZ-302 New Music Collective
MUS-100 Concert Attendance
MUS-120 Jazz Fundamentals I
MUS-121 Jazz Fundamentals II
MUS-130 Aural Skills I
MUS-131 Aural Skills II
MUS-132 Aural Skills III
MUS-133 Aural Skills IV
MUS-134 Music Fundamentals
MUS-135 Theory I
MUS-136 Theory II
MUS-140 Music Industry Survey
MUS-150 Intro to Mus Ed
MUS-172 Varsity Strings
MUS-178 Varsity Band
MUS-184 Choral Union
MUS-199 Practical Applications Live Music Prod.
MUS-212 Music in Western Culture
MUS-215 Music in the Christian Church
MUS-218 The Making of Jazz
MUS-219 The History of Rock & Roll
MUS-221 Functional Class Piano I
MUS-222 Functional Class Piano II
MUS-223 Jazz Keyboard Fundamentals
MUS-224 Songwriting
MUS-225 Intro to Film Music
MUS-226 Musical Theatre/Light Opera Workshop
MUS-235 Theory III
MUS-236 Theory IV
MUS-246 Collegiate Chorus
MUS-250 Guitar Techniques
MUS-251 Woodwind Techniques
MUS-252 Percussion Techniques
MUS-253 Vocal Techniques
MUS-253L Choral Techniques and Methods Lab
MUS-254 Brass Techniques
MUS-255 String Techniques
MUS-256 Jazz Techniques
MUS-257 Choral Methods
MUS-258 Technology for Mus Educators
MUS-260 Marching Band Techniques
MUS-263 The Beatles
MUS-267 Opera Scenes
MUS-278 Symphonic Band
MUS-286 Jazz Lab Band
MUS-288 Vocal Jazz Ensemble Blue
MUS-290 Digital Music I
MUS-291 Digital Music II
MUS-292 Independent Study
MUS-300 Entrepreneurship for Musicians
MUS-301 Jazz & Ethnic Percussion I
MUS-306 Fingerboard Harmony I
MUS-307 Fingerboard Harmony II
MUS-310 Varieties of World Music
MUS-312 Concerts for Credit
MUS-314 History of Musical Theatre
MUS-318 Jazz: A History & Analysis
MUS-320 Performance History & Lit I
MUS-323 Performance Seminar
MUS-325 Rhythm Section Fundamentals
MUS-326 Mus Thtr/Light Opera Wrkshp
MUS-328 Popular Music Ensemble
MUS-330 Principles & Procedures in Music Bus
MUS-331 Advanced Studies in Music Business
MUS-332 Production of Sound Recordings
MUS-333 Audio Engineering
MUS-335 Orchestration & Arranging
MUS-336 String Improvisation for Educators
MUS-340 Music and Entertainment Law
MUS-341 ConcertPromo&VenueManagement
MUS-343 History & Literature of Music I
MUS-344 History & Literature of Music II
MUS-348 Chamber Singers
MUS-350 Jazz Arranging I
MUS-351 Jazz Arranging II
MUS-353 Diction Singrs&Mus Edu Mjrs
MUS-355 Film Scoring
MUS-362 Instrumental & Choral Ensembles
MUS-364 GretschElctrcGuitar Ens
MUS-366 Teaching PreK-12 Classroom Music
MUS-367 Opera Scenes
MUS-369 Conducting I
MUS-370 Conducting II
MUS-372 Philharmonic Orchestra
MUS-374 Percussion Ensemble
MUS-376 College Choir
MUS-378 Wind Ensemble
MUS-386 Jazz Band
MUS-388 Vocal Jazz Ensemble LN Blue
MUS-389 Conducting III
MUS-394 American Popular Music
MUS-395 Special Studies in Music Theory

MUS-396 Special Studies in Music History
MUS-397 Electronic Music and Sound Design
MUS-430 Jazz Improvisation I
MUS-431 Jazz Improvisation II
MUS-457 Student Teaching in Music
MUS-467 Opera Scenes
MUS-468 Internship:Capstone
MUS-492 Independent Study
MUS-495 Honors Independent Research

Nursing and Public Health Department

The Department of Nursing and Public Health offers three programs of study in nursing and two programs of study in public health. The nursing programs include a bachelor of science in nursing (BSN) degree, a master of science in nursing (MSN) degree, and a doctor of nursing practice (DNP) degree. The baccalaureate and master's degree in nursing at Elmhurst University are accredited by the Commission on Collegiate Nursing Education (CCNE); application for inclusion of the doctorial degree will be made in 2024. The public health program offers a bachelor of science in public health (BPH) degree and a master of public health (MPH) degree.

Mission

The nursing programs prepare nurses for professional practice and leadership to meet the needs of a diverse society.

Goals

• Prepare graduates for professional nursing practice in generalist and advanced nursing roles

• Develop a foundation for graduate and doctoral study in nursing

Philosophy

Nursing at Elmhurst University educates students in baccalaureate and master's degree programs for ethical practice and leadership in professional nursing. To accomplish this, the faculty and students are dedicated to creating an educational environment that focuses on:

• Integrating liberal and professional education

• Using collaborative and active learning strategies among faculty and students

• Demonstrating ethical professional nursing practice with diverse populations

• Providing leadership in health care systems that promote safe, quality and cost-effective patient- and family-centered care

• Engaging in values-driven nursing practice that encompasses altruism, autonomy, human dignity, integrity and social justice

• Developing increasingly complex nursing practice competencies

FACULTY
Diane Salvador - *Dean, School of Health Sciences; Executive Director and Professor, Department of Nursing and Public Health*
Laura Brennan - *Director, Undergraduate Pre-Licensure Program and ABSN Program; Assistant Professor*
Jennifer Caringella - *Lecturer*
Erika Davis - *Assistant Professor*
Sara DePaul - *Lecturer*
Julie Glendenning - *Director, RN-BSN Partnerships; Assistant Professor*
Becky Hulett - *Program Director, M.S. in Nursing; Program Director, Doctor of Nursing Practice; Associate Professor*
Sarah Katula - *Associate Professor*
Jessica Lamberson - *Assistant Professor*
Laura Minarich - *Assistant Professor; Program Director, Master's Entry in Nursing Practice*
Sandra McCormick - *Assistant Professor*
Sara Mulka - *Assistant Professor, Director of Simulation*
Penny Reiss - *Associate Professor*
Kathleen Scanlon - *Associate Professor*
Ruth Schumacher - *Assistant Professor*
Kristin Sciutto - *Assistant Professor*
Molly Tran - *Assistant Professor; Program Director, Master of Public Health (MPH)*
Mary E. Weyer - *Professor*
Laury Westbury - *Assistant Professor*

Programs

BPH.BS - Public Health BS
BSN.BS - Nursing BSN BSNRS
NMEP.MS - Nursing Master Entry MSN
NMEPD.MS - Nursing Master Entry MSN Distance
NRS.BS - Nursing BSNRS
NRS.DNP - Doctor of Nursing Practice
NRS.MS - Nursing MSN
OPEN.NRS - Nursing Wait List
PH.MPH - Public Health MPH

Courses

MPH-500 Foundations of Public Health
MPH-502 Biostatistics I
MPH-503 Biostatistics II
MPH-505 PublicHlthServiceAdmin&Mgt-Online
MPH-506 RoleDevelopmntPubHlthPract I
MPH-507 !RoleDevlopmtPubHlthPract II
MPH-508 Leadership&Innovation in Public Health
MPH-510 Environmental Hlth Sci
MPH-520 PublicHlthPolicy&Poltic
MPH-530 Epidemiology
MPH-550 FundSocial&BehaviorSci
MPH-551 Community Health Programming
MPH-552 Special Topics
MPH-560 Rsrch&Evid-BasedPractPubHlth
MPH-570 Public Hlth Practicum
MPH-580 Public Hlth Capstone
NME-500 Epidemiology/Biostatistics
NME-503 Rsrch&Evidence Base Practice
NME-504 CNL Role:PatientCenterCare,Quality&Safe
NME-509 ChronicHlthAlteratns/Lifespn
NME-510 AcuteHlthAlteratns/Lifespan
NME-513 Family Health
NME-513L Family Health-Lab
NME-514 Mental Health
NME-514L Mental Health-Lab
NME-523 Leadership in Systems/Org
NME-524 CNL Role:TransAdv Prof Pract
NME-525 Informatics & Technology
NME-538 Mgt of Clinical Outcomes
NME-540 Clinical Nurse Leader Residency
NRS-300 Health Assessment
NRS-300A Health Assessment
NRS-300L Health Assessment - Lab
NRS-303 Cncptl Basis Prof Nrsg Pract
NRS-303A Cncptl Basis Prof Nrsg Pract
NRS-308 Foundatns for Prof Nrsg Prac
NRS-308A Foundatns for Prof Nrsg Prac
NRS-308L Foundatns Prof Nrs Pract-Lab

NRS-309 Adult Health Nursing I
NRS-309A Adult Health I
NRS-309C NRS308/309 Clinical
NRS-309H Adult Health I Clinical
NRS-309M Adult Health Nursing I
NRS-315 Adult Health Nursing II
NRS-315A Adult Health II
NRS-315C NRS 315 Clinical
NRS-315H Adult Health II Clinical
NRS-315L Adult Health Nrsng II - Lab
NRS-316 Family Health: Childrearing
NRS-316A Family Health: Childrearing
NRS-316C NRS 316 Clinical
NRS-316H NRS 316 Clinical
NRS-320 CncptsProfessionlNrsPractice
NRS-321 PathophysiologyPharmacology I
NRS-321A PathophysiologyPharmacology I
NRS-322 PathophysiologyPharmacologyII
NRS-322A PathophysiologyPharmacologyII
NRS-323 Patho-Pharm For Registered Nurses
NRS-403 Leadrshp & Mgt Hlthcare Org
NRS-403A Leadrshp & Mgt Hlthcare Org
NRS-406 Leadership&Management Health Care Org
NRS-407 Policy,Finance & Legislation
NRS-407A Policy,Finance & Legislation
NRS-408 Mental Health Nursing
NRS-408A Mental Health Nursing
NRS-408C NRS 408 Clinical
NRS-408H Mental Health Clinical
NRS-409 Family Health Nursing II
NRS-409A Family Health Nursing II
NRS-409C NRS 409 Clinical
NRS-409H NRS 409 Clinical
NRS-410 Rsrch&Evdnce-basedPrac:Prof
NRS-410A Rsrch&Evdnce-basedPrac:Prof
NRS-411 Syn:ProfNrs Pract Complx Sys
NRS-411A Syn:ProfNrs Pract Complx Sys
NRS-411C NRS 411 Clinical
NRS-411H NRS 411 Clinical
NRS-412 Synthe:Community &Public Health Nursing
NRS-412A Synthe:Community &Public Health Nursing
NRS-412C NRS 412 Clinical
NRS-412H NRS 412 Clinical
NRS-413 Synthesis:Comm&Public Health Nursing
NRS-414 Syn:Ethic&LegalDimnsnProfNrs
NRS-414A Syn:Ethic&LegalDimnsnProfNrs
NRS-415 Ethical&Legal DimensionsProfNursingPrac
NRS-416 Synthesis:ProfNursingPracComplexSystems
NRS-420 Evidence-BasedPractice&Informatics
NRS-421 Policyfinance&manageaspectsclinicnursing
NRS-453 Test Taking Strategies
NRS-453A Test Taking Strategies
NRS-454 Special Procedures in Nursing
NRS-455 Special Procedures in Nursing Clinical
NRS-456 Perioperative Nursing
NRS-457 Perioperative Nursing Clinical
NRS-468 Internship
NRS-492 Independent Study
NRS-495 Honors Independent Research
NRS-501 Theories Nrs&Clinicl Ldrshp
NRS-501A Theories in Nrs & Clinical Leadership
NRS-502 HlthCareSys:Organizatn,Policy,Finance
NRS-502A Health Care Systems: Organization, Polic
NRS-503 AppldRsrchForClniclLdrshp
NRS-504 Clincl Prevention & Populatn Based Prac
NRS-507 ProfessPerspectivesNursing I
NRS-507A Professional Perspectives in Nursing I
NRS-508 Foundatns Profess Nrs Pract
NRS-508A FoundationsforProfessionalNursingPracti
NRS-508C NRS 508 Clinical
NRS-508H Foundatns for Prof Nrs Prac Clinical
NRS-509 Adult Health I
NRS-509A Adult Health I: Alterations Ac
NRS-509C NRS 509 Clinical
NRS-509H Adult Health I: Alterations Across the L
NRS-510 Adult Health II
NRS-510A Adult Health Ii: Alterations Across the
NRS-510C NRS 510 Clinical
NRS-510H Adult Health Ii: Alterations Across the
NRS-511 Adult Health III: Complex Hlth Altrtns
NRS-511A AdltHlthIII:ComplHlthAltAcLS
NRS-511C NRS 511 Clinical
NRS-511H Adult Health Iii: Complex Health Alterat
NRS-512 ClinicalPrevent&Populatn Hlth
NRS-512A Prevention and Population Heal
NRS-512C NRS 512 Clinical
NRS-512H Clinical Prevention and Population Healt
NRS-513 Family Health Nursing
NRS-513A Family Health Nursing
NRS-513C NRS 513 Clinical OB
NRS-513H Family Health Nursing Clinical
NRS-513P NRS 513 Clinical PEDS
NRS-514 Mental Health Nursing
NRS-514A Mental Health Nursing
NRS-514C NRS 514 Clinical
NRS-514H Mental Health Nursing Clinical
NRS-515 ProfessPerspectivesNursing II
NRS-515A Professional Perspectives in Nursing II
NRS-516 Family Health Nursing - Childrearing
NRS-516A Family Health Nursing - Childrearing
NRS-516C Family Health Nursing - Childrearing
NRS-516H Family Health Nursing - Childrearing
NRS-517 Family Health Nursing: Childbearing
NRS-517A Family Health Nursing: Childbearing
NRS-517C Family Health Nursing: Childbearing
NRS-517H Family Health Nursing: Childbearing
NRS-520 Advanced Health Assessment
NRS-520A Advanced Heatlh Assessment
NRS-521 Foundations for Advanced Clinical Role
NRS-523 Clinical Leadership Role Development
NRS-524 Practicum: Advanced Clinical Role
NRS-524C NRS 524 Clinical
NRS-525 Adv Pathophysiology
NRS-525A Advanced Pathophysiology
NRS-526 Advanced Pharmacology
NRS-526A Advanced Pharmacology
NRS-527 Epidemiology/Biostatistics
NRS-527A Epidemiology and Biostatistics
NRS-528 Rsrch&Evidence Base Practice
NRS-528A Research and Evidence-Based Practice
NRS-530 Prof Perspectives Nursing III
NRS-530A Professional Perspectives in Nursing III
NRS-531 Leadership in Systems/Org
NRS-531A Leadership in Systems and Organizations
NRS-532 Healthcare Tech and Infor Management
NRS-532A Healthcare Tech and Info Management
NRS-532T TechnologyHealthCareEdu&Pract
NRS-533 Curriculum Dev & Eval for Nrs Educators
NRS-534 Residency:Clinicl Leadershp Nrs Educ
NRS-536 AdvTpc:Administration & Mgt

NRS-537 Res:CliniclLeadrshpNrsAdmin
NRS-538 Management of Clinical Outcomes
NRS-538A Management of Clinical Outcomes
NRS-540 Residency:ClnclLeadership Care Environ
NRS-540A Nurse Leader Residency
NRS-540C NRS 540 Clinical
NRS-540H Clinical Nurse Leader Residency
NRS-592 IndSty:
NRS-599 Clinical Nurse Internship
NRS-701 Introduction to the DNP Role
NRS-703 Leadership in Organizations and Systems
NRS-704 Healthcare Information Systems
NRS-708 HealthPolicyDevelopment&Implementation
NRS-709 AdvHealthPromotionAcrossDiverseCultures
NRS-710 TranslatingEvidenceIntoNursingPractice
NRS-711 Epidemiology
NRS-713 DNP Project Implementation/Evaluation
NRS-714 Scholarly Product Dissemination
PH-100 Intro to Public Health
PH-200 Public Health & StudyDisease &Epidemics
PH-250 SystemThinkApproachSocDeterminantHealth
PH-300 Public Health, Environment & ModernLife
PH-310 Public Health & Global Citizenship
PH-320 Hist& Contemp Public Health Challenge I
PH-330 Public Health Epidemiology
PH-400 Foundations of Public Health I
PH-408 Leadership & Innovation In PublicHealth
PH-410 Population Health & Health Diparities
PH-420 Public Health Policy & Politics
PH-425 Hist& Contemp PublicHealth Challenge II
PH-430 Public Health Capstone Project
PH-440 Public Health Fieldwork
PH-440M Public Health Fieldwork
PH-450 Fundamentals of Social&BehaviorSciences
PH-451 Community Health Programming
PH-495 Honors Independent Research

Occupational Therapy Department

The Master of Occupational Therapy program was developed to provide students with the knowledge, skills and abilities to apply the therapeutic use of everyday life activities (occupations) to supporting the health and well-being of those who have, or are at risk for developing, an illness, injury, disease, disorder, condition, impairment, disability and/or activity limitation affecting daily activities within the home, community and other settings.

The Master of Occupational Therapy Program is a 24-month, entry-level professional education program leading to a Master of Occupational Therapy (MOT) degree. The program prepares graduate students to become intellectually engaged and socially responsible occupational therapy practitioners, leaders and scholars in the field who have an appreciation for the influence human values and advances in science and technology have on the health, well-being and common good of the region and greater society.

Learning Outcomes

- Apply knowledge of the liberal arts and sciences to the therapeutic use of occupations as a foundation for engagement in everyday life activities that affect health, well-being and quality of life
- Evaluate research and evidence to support occupational therapy practice decisions
- Integrate the theoretical base of occupational therapy and occupational science to implement the therapeutic use of occupation with individuals or groups participating in roles and situations in everyday life activities that affect health, well-being and quality of life
- Select appropriate evidence-based evaluations and occupation-centered interventions that incorporate the therapeutic use of occupation to achieve expected occupation-related outcomes
- Collaborate with various inter-professional and intraprofessional providers of service involved in planning and implementing intervention plans for individuals and/or populations
- Uphold the ethical standards, values and attitudes of the occupational therapy profession
- Contribute, as an effective lifelong consumer of knowledge and information, to the growth and dissemination of practice evidence, linking professional education, practice and research in occupational therapy
- Defend theoretical perspectives in occupational therapy as a foundation for advocating for occupational therapy services and achieving occupation-related outcomes

FACULTY
Elizabeth Wanka - *Program Director*

Programs

OT.MOT - Occupational Therapy MOT

Courses

MOT-500 FundamentalContempPractice
MOT-504 Research Methods
MOT-508 HealthcareSystems&HealthPolicy
MOT-512 Health and Occupation
MOT-516 Fieldwork IA:FactInfluHlthILL
MOT-520 Clinical Neuroscience
MOT-524 Professional Practice Seminar
MOT-528 Eval I:MentalHlth&LearnChal
MOT-532 Plan&Intervent I:MentalHealth
MOT-536 Plan/Intervent II:LearngChal
MOT-540 Fldwrk L IB:BuildCommPartnr
MOT-544 Clinical Neuroscience II
MOT-548 Functional Anatomy
MOT-552 Eval II:AcuteChronicPhyHlthCh
MOT-556 Plan/Intrvnt III:AcutePhyHlth
MOT-560 Plan/Interv IV:ChronicPhyHlth
MOT-564 FldwrkLevel IC:ServingPopulat
MOT-568 Synthesis I:AbilityBaseCompet
MOT-572 Fieldwork II A
MOT-576 Fieldwork II B
MOT-580 Synthesis II: Wrap-Up

Philosophy Department

Philosophers like to think about difficult but important questions. What is the best way to live? Do we have free will? Are we responsible for our actions? Is the world as it appears? Philosophers refuse to accept easy answers to these questions and instead develop techniques of reasoning to construct and evaluate different possible approaches.

All philosophy courses examine the history of attempts to formulate and answer their chosen questions, but the reasoning power that philosophy courses build is useful far beyond this. It can be employed to solve any sort of difficult problem; it can also allow one to live a more intelligent, more carefully examined life.

The Department of Philosophy offers courses that satisfy requirements in several categories of the Integrated Curriculum, including Inquiry into Ethics and Justice, Historical Analysis, Fine Arts, Cognitive and Behavioral Sciences, and the Social Responsibility tag. The department also offers courses needed for a major or minor in philosophy and other courses students may wish to select as electives in completing a variety of liberal arts degree programs.

Departmental Mission

The Elmhurst University Philosophy Department aims to serve both the broader student population and our major and minors. It is our mission to provide Elmhurst University students with an excellent education in the liberal arts by teaching them to understand the great ideas and theories regarding human experience; to understand and apply ethical theories; to do close and careful reading; to perform critical analysis of ideas and arguments; and to present their thoughts carefully and clearly.

Goals and Objectives

The Elmhurst University Philosophy Department aims to introduce students to great thinkers and important ideas as they developed over the course of human history. We intend students to understand some of the theories and concepts that organize and explain human experience.

- We teach students to work with abstract ideas and to think critically. As such we help students learn the principles of logic, careful expression, and clarity.
- We train our students to be able to carefully and persuasively articulate ideas and argument, both in writing and in oral presentation. These skills are important in any career.
- We inspire our students to engage with contemporary practical problems as well as with the great philosophical questions. We aim to help our students grapple with today's most pressing ethical issues.

Students majoring and minoring in philosophy gain a broad based, historically-informed understanding of the field through courses in reasoning and ancient, modern, and contemporary philosophy along with multiple electives within the major. Contrasting theories about knowledge, reality, values, and ethics lead to wide-ranging discussions and challenge students to examine their own assumptions.

Learning Outcomes

- Understand and explain philosophically important theories and concepts that have historically been used to organize and explain human experience.
- Understand and employ the principles of contemporary logic to think clearly and critically.
- Apply relevant ethical theories to contemporary and historical ethical problems.
- Articulate and argue for a philosophical position both in writing and in oral presentation.

FACULTY
Russell Ford - *Professor and Chair, Philosophy*
Katrina Sifferd - *Professor, Philosophy; Genevieve Staudt Endowed Chair*
Tyler Fagan - *Assistant Professor, Philosophy; Director of FYS*

Programs

MEH.MIN - Medical Humanities Minor
PHL.BA - Philosophy BA
PHL.BS - Philosophy BS
PHL.MIN - Philosophy Minor

Courses

MEH-320 Quality/Safety in Healthcare
MEH-490 Med Humanities Clinical Exp
MEH-491 Med Humanities Sem/Rsrch Cap
PHL-210 Introduction to Philosophy
PHL-215 Race, Gender, and Justice
PHL-220 Logic
PHL-303 Ancient Philosophy
PHL-304 Modern Philosophy
PHL-306 Ethics
PHL-307 Existentialism
PHL-309 Philosophy of Art
PHL-310 Business Ethics
PHL-311 Kant
PHL-312 Environmental Ethics
PHL-315 Philosophy of Law
PHL-316 Biomedical Ethics
PHL-320 Social&Political Philosophy
PHL-349 Philosophy of Religion
PHL-405 Contemporary Philosophy
PHL-406 Phil of Mind & Consciousness
PHL-420 Seminar
PHL-492 Independent Study
PHL-495 Honors Independent Research

Physics Department

The science of physics seeks to comprehend the large number of physical phenomena in the world in terms of a small number of fundamental concepts and principles such as the theories of the gravitational and electromagnetic fields, relativity and quantum mechanics. The study of physics and astronomy can enable a student both to understand our physical environment and to develop the ability to formulate and test hypotheses and reason analytically. These abilities are important in many fields of endeavor.

Physics is an appropriate major for students with career interests in such areas as physics, astronomy, atmospheric science, engineering, materials science and nuclear science as well as medicine and dentistry. It can be a valuable minor or second major for students in such diverse areas as mathematics, chemistry, computer science, biology, geography, economics and business. An interdepartmental major combining any of these areas with physics can be designed to match specific student interests. All physics majors complete at least one full course of independent study or research during their final four terms. This course gives students the opportunity to draw together the material they have been studying and bring it to bear on a particular project. By working closely with a faculty member on such a project, students learn how to focus their ideas toward a goal while developing skills necessary for more independent work after graduation.

FACULTY
Venkatesh Gopal - *Chair and Professor, Physics*
Robert Froehlich - *Lecturer*
Robert Halliday - *Visiting Assistant Professor*
Brian C. Wilhite - *Associate Professor, Physics; Dean of the School of Science, Technology, and Mathematics*
Hannah Bloom - *Adjunct Faculty*
Alexander Hari - *Adjunct Faculty*
Anthony Jackson - *Adjunct Faculty*
Kevin Murphy - *Adjunct Faculty*
Jeremy Paschke - *Adjunct Faculty*

Programs

PHY.BA - Physics BA
PHY.BA.SE - Physics SE BA
PHY.BS - Physics BS
PHY.BS.SE - Physics SE BS
PHY.ENG.BS - Engineering Physics BS
PHY.MIN - Physics Minor

Courses

AST-212 Introduction to Astronomy
GEO-102 Earth System Science
GEO-105 Intro Atmospheric Science
PHY-101 Physical Science
PHY-102 Earth System Science
PHY-105 Intro Atmospheric Science
PHY-111 Introductory Physics I
PHY-112 Introductory Physics II
PHY-121 General Physics I
PHY-122 General Physics II
PHY-212 Introduction to Astronomy
PHY-292 Independent Study
PHY-304 Oscillations and Waves
PHY-305 Modern Physics
PHY-306 Mechatronics 1
PHY-307 Mechatronics 2
PHY-311 Analytical Mechanics
PHY-312 Electricity and Magnetism
PHY-313 Statistical Physics
PHY-315 Bend, Squish, and Flow: Material Physics
PHY-407 Data Science & Math. Methods for Physics
PHY-414 Modern Optics
PHY-421 Quantum Mechanics
PHY-440 Special Topics in Physics
PHY-492 Independent Study
PHY-494 Independent Research
PHY-495 Honors Independent Research

Political Science Department

The discipline of political science seeks knowledge and understanding of the processes and institutions which establish the values of public life for human communities. In a world of interdependent nations, far-reaching political movements and national political decisions that affect all aspects of society and economy, political knowledge is essential. Students of political science discover how political power is distributed, how different governments operate and interact, how societies are structured, and how laws are created and enforced.

Students majoring or minoring in political science gain a broad understanding of politics by taking courses in three subfields in political science: US Politics, World Politics and Political Thought. This knowledge and understanding is valuable for all citizens and essential for many careers - - as well as foundational for further education in politics, policy, public administration and the law. The major in political science requires grades of C- or better in a minimum of nine courses: eight core courses and one elective course. The senior seminar should be taken during the term prior to graduation.

The Political Science Department offers a major in Political Science (B.A. or B.S.) and two possible minors, in Political Science or in Legal Studies.

Learning Outcomes

Students who study Political Science at Elmhurst University will:

• Synthesize important political concepts and theories that have been used to explain political realities.

• Analyze how political structures, policies, values, or behaviors operate within, or between political systems.

• Articulate and argue for a political position in writing and in oral presentation.

• Identify and evaluate knowledge and skills necessary for active citizenship.

FACULTY
Mary B. Walsh - *Chair and Professor, Political Science; Director, Service Learning*
Timothy A. Hazen - *Assistant Professor, Political Science*
Constance Mixon - *Professor, Political Science; Director, Urban Studies Program*
Teri J. Walker - *Professor, Political Science*

Programs

LGL.MIN - Legal Studies Minor
POL.BA - Political Science BA
POL.BS - Political Science BS
POL.MIN - Political Science Minor

Courses

POL-150 Introduction to Politics
POL-201 U.S. Federal Government
POL-202 U.S. State & Local Government
POL-203 Introduction to World Politics
POL-240 Law and Politics
POL-300 Urban Politics
POL-301 Politics of the Global North
POL-302 Politics of the Global South
POL-303 Politics of the Middle East
POL-305 The U.S. Presidency
POL-306 Politics of International Relations
POL-307 U.S. Foreign Policy
POL-311 Model United Nations
POL-314 Classical Political Thought
POL-315 Modern&Contemporary Pol Thry
POL-319 U.S. Political Thought
POL-320 Congress
POL-327 Women and Politics
POL-340 Intro to Law
POL-351 Mock Trial I
POL-352 Mock Trial J
POL-353 Mock Trial II
POL-354 Mock Trial Spring Only
POL-360 Public Policy & Administration
POL-365 Environmntl Politics&Policy
POL-402 Political Justice
POL-410 Environmental Law
POL-411 Constitutional Law :Civil Liberties
POL-412 Constitutional Law: Civil Rights
POL-413 Constitutional Law: National Powers
POL-421 Practical Politics&political Campaigning
POL-445 Senior Seminar: Topics in POL & URB
POL-452 Sp Topics Political Science
POL-468 Internship
POL-492 Independent Study
POL-495 Honors Independent Research

Psychology Department

The scientific and applied discipline of psychology provides an understanding of the nature and function of behavior in humans. Psychologists study how people perceive, learn, think, behave and interact with other people and their environment. Systematic attention is directed to individual differences in personality and ability; the impact of sociocultural factors on behavior; how people develop throughout the life cycle; how maladaptive behaviors originate and can be changed; the study of the individual and the work environment; cognitive processes, and the impact of biological processes on behavior.

The Department of Psychology offers a wide range of courses taught by a faculty that is diverse in theoretical orientation, practical experience and research interests. Students can obtain a comprehensive foundation in psychological thought and methods by sampling broadly within the department. Individual student goals can be met through opportunities for collaboration with faculty on research, advanced readings, independent research projects, and field work experiences. Students may also major in psychology as a supplement to another interest area, such as nursing, law, theology, education, business or sociology. Elmhurst University has an active chapter of the international honor society in psychology, Psi Chi, with membership available to qualified students, as well as a Psychology Club, open to all students interested in psychology.

Mission Statement

The mission of the Department of Psychology is to prepare students for a range of activities including academic, professional and personal experiences. All students majoring in psychology are required to engage in a broad academic program and to demonstrate mastery in areas of psychological knowledge and research methodology. Minors, concentrations or single courses in psychology will provide the Elmhurst University student with varying levels of basic psychological knowledge and methodology. During a 10-course curriculum in the psychology major, students will study current theories, research and practice. They will master the general principles of the field and the historical development of the discipline.

Goals for the Major in Psychology

• Students will be able to demonstrate fundamental knowledge and comprehension of the major concepts, theoretical perspectives, historical trends, empirical findings and applications to behavior.

• Students will develop information literacy skills that allow them to both conduct and evaluate basic scientific research in psychology, as well as the ability to apply these skills to problems in their daily lives.

• Students will develop ethically and socially responsible behaviors for professional and personal settings that are inclusive and acknowledge diversity.

• Students will critically evaluate and express psychological content in written and oral communication in different contexts for different purposes while working effectively with others.

• Students will be able to apply psychology-specific content and skills, exhibit effective self-reflection, refine project-management skills, enhance teamwork skills, and improve career preparation.

FACULTY
Catherine Gaze - *Chair and Associate Professor*
Jennifer Bailey - *Lecturer*
Carrie Hewitt - *Dean of the School of Graduate Studies; Assistant Professor*
Liz Majka - *Associate Chair and Associate Professor*
Patrick Nebl - *Associate Professor*
Catrina Notari - *Assistant Professor*
Kathleen Sexton-Radek - *Professor*
Thomas Sawyer - *Professor*
Jessica Sim - *Program Director, M.A. Industrial/Organizational Psychology; Associate Professor*
Joshua VanArsdall - *Associate Professor*

Programs

IOP.MA - Industrial/Organizational Psychology MA
PSY.BA - Psychology BA
PSY.BS - Psychology BS
PSY.MIN - Psychology Minor

Courses

PSY-210 Intro to Psychological Science
PSY-211 Psychology Colloquium
PSY-249 Research Mentorship
PSY-250 Careers in Psychology
PSY-303 Social Psychology
PSY-311 Educational Psychology
PSY-312 Personality Theory & Research
PSY-313 Cognitive Neuroscience
PSY-314 Psychopharmacology
PSY-315 Lifespan Development
PSY-317 Child Development
PSY-318 Adolescent Development
PSY-319 Adult Development & Aging
PSY-320 Current Applications in Psych
PSY-320T Sport & Exercise Psychology
PSY-322 Psychology of Religion
PSY-324 Physiological Psychology
PSY-325 Psychology & Culture
PSY-326 Industrial & Organizational Psychology
PSY-327 Psychopathology
PSY-328 Clinical & Counseling Psychology
PSY-330 Cognitive Psychology
PSY-333 Psychology of Human Sexuality
PSY-348 Health Psychology
PSY-349 Research Mentorship
PSY-355 Statistics for Scientific Research
PSY-356 Research Methods in Psychology
PSY-368 Field Experience in Psy
PSY-422 Psychological Testing
PSY-424 Physiological Psychology
PSY-427 Child Psychopathology
PSY-428 Intro to Applied Behavior Analysis
PSY-449 Research Mentorship
PSY-492 Readings in Psychology
PSY-495 Honors Independent Research
PSY-496 Senior Capstone Seminar
PSY-498 Sr Capstone Independent Stdy
PSY-501 FoundationsInd/Org Psychology
PSY-511 Research Methods in I/O Psychology
PSY-512 Statistical Analysis I/O Psychology
PSY-517 Small Group Theory and Process
PSY-520 Employee Selection Procedures
PSY-521 Job Analysis & Performance Management
PSY-523 Training: Theory, Design, & Evaluation
PSY-527 Measurement & Assessment in I/O Psych
PSY-530 Organizational Theory
PSY-531 Organizational Development
PSY-539 Work Motivation
PSY-540 Adv Topics in Industrial/Org Psychology
PSY-580 I/O Graduate Capstone
PSY-590 Intern/Exprntl Comp-Proposal
PSY-591 Intern/ExprntlCom-Experience
PSY-592 Intern/ExprntlCom-FinalPaper
PSY-593 Intern/ExprntlCom-Presentatn
PSY-599 Thesis

Religious Studies Department

The Department of Religious Studies carries unique responsibilities in light of Elmhurst University's historic origins and contemporary mission. Established in 1871 by the German Evangelical Synod of the Northwest to educate the church's youth to become pastors and teachers, Elmhurst University has grown into a comprehensive and nationally recognized educational institution that fosters the integration of intellectual development, personal integrity and early professional preparation. And still today, the University maintains a healthy relationship with the United Church of Christ.

Drawing on its rich and living heritage, the Department of Religious Studies continues to affirm religion's historic importance in all civilizations, to study the variety of ways that culture and religion are mutually influential, and to examine the world's great religions as irreplaceable expressions of human culture and ultimate reality. To this end, the academic study of religion will of necessity be carried out with critical thought, the best contemporary scholarship, and free and open inquiry without religious indoctrination.

Mission Statement

The Department of Religious Studies is a vital expression of the mission, core values and educational goals of Elmhurst University. The department is a diverse and caring community of scholars—professors and students—who together are willingly driven by curiosity, personal and social concerns, critical inquiry and intellectual integrity to study all things religious in the humanities, social sciences and natural sciences.

The department recognizes that each student who decides to major in religious studies is unique, possessing different strengths, experiences, preferences and goals. The department, therefore, places ultimate decision-making in the hands of the students, with personal academic advising from a full-time professor, and provides a variety of ways for students to begin their study—for example, in literature, scriptures, theology, ethics, spirituality, science, mysticism or world religions. As students' progress through their university career, they may also choose to study religion within short-term courses in India, Israel, Palestine or South Africa.

Although students will inevitably start at different places and have different career and education goals, the department helps its students integrate their courses into their overall program of liberal and professional education through five learning outcomes.

Students who choose to major in religious studies at Elmhurst University will:

- Comprehend significant aspects of religion through the critical examination of classical primary texts and related artifacts
- Examine historic and contemporary expressions of religion with intellectual integrity and spiritual sensitivity
- Analyze the nature and importance of one's own convictions about faith, meaning and values while at the same time respecting the commitments of others
- Examine the religious basis for, and be committed to, personal integrity, benevolent service and social justice
- Describe central characteristics of our multicultural, interdependent and global human family

FACULTY
Mladen Turk - *Baltzer Distinguished Chair of Theology and Religion; Professor and Chair, Religious Studies; Associate Director, Honors Program*
A. Andrew Das - *Professor*
Nancy C. Lee - *Professor*
Paul Parker - *Professor Emeritus*
Steven Bob - *Adjunct Faculty*
James Callahan - *Adjunct Faculty*
Andrea Cosnowsky - *Adjunct Faculty*
Inamul Haq - *Adjunct Faculty and Coordinator, Islamic Studies Program*
Christina K. Llanes - *Adjunct Faculty*

Programs

RCM.MIN - Religious Studies and Church Music Minor
RSS.BA - Religious Studies BA
RSS.MIN - Religious Studies Minor

Courses

REL-200 Introduction to Biblical Studies
REL-205 The Bible as Literature
REL-230 Christian Social Ethics
REL-240 World Religions:Gen Intro
REL-241 Introduction to Judaism
REL-242 IssuesInIslam:Gender,Politics&HumnRight

REL-244 Understanding the Qur'an
REL-252 Movies and God
REL-268 Internship
REL-292 Independent Study
REL-302 Biblical Prophets and Current Context
REL-305 Visions, Revolts, & Messiahs
REL-306 Story Jesus:Synoptic Gospels
REL-307 Paul the Apostle:his Letters and Thought
REL-314 Feminist Biblical Interpretations
REL-319 Biblical Theology
REL-320 Emergence of Christian Thght
REL-321 Mod & Contemp Christn Thght
REL-324 The Problem of God
REL-332 Rel Ethics & Health Care
REL-343 Islamic Mysticism
REL-344 Religious Classics
REL-346 African Amer Rel Traditions
REL-350 Religion in America
REL-363 Special Tpcs in Religious Studies
REL-368 Internship
REL-430 Seminar on the Niebuhrs
REL-490 Senior Seminar
REL-495 Honors Independent Research

Russell G. Weigand Career Center for Professional Excellence Department

The Russell G. Weigand Career Center for Professional Excellence (WCCPE) serves as home base for Elmhurst University's commitment to professional preparation as part of the comprehensive education of every student. Through a wide range of services and resources, the WCCPE will help you ignite your professional curiosity, competencies and purpose, and prepare you to thrive in a rapidly evolving world.

An Elmhurst University education nurtures professionalism grounded in a combination of expertise in a chosen field, strong personal values, wide-ranging skills and career competencies, entrepreneurial energy, commitment to social justice, international awareness and a breadth of intellectual perspective. It is our conviction that our society and world need people who understand this model of professionalism and are ready to live it out.

Home to the University's initiatives related to professional preparation, career education, pre-professional guidance and career experiences, the WCPE offers a wide selection of programs, opportunities and experiences, including:

- Effective career counseling and guidance, coordinated with academic advising
- Opportunities to undertake internships for hands on experience
- Leadership development opportunities
- Opportunities to establish lasting relationships with professional mentors
- Opportunities for student development through short-term career exploration
- Specialized advising for those planning a career in health care or law

Career Education

Career education aids students and alumni in continuing career development, exploration and self-assessment through such programs as:

- Career development classes and seminars
- Computer-assisted career guidance
- Internet access for job information and career development
- Informational interviews
- Job search, résumé writing and interviewing workshops
- Career assessments
- Library of career resources
- Online résumé review

Mentoring

Mentoring enables students to interact regularly, one-on-one, with experienced professionals. The WCCPE's program is gold accredited by the International Mentoring Association (IMA) for best practices in mentoring. The purpose is to expose students to the importance of combining competencies learned in a major field of study with critical thinking, problem solving, communication skills, self-confidence, personal integrity, social and civic responsibility, and a commitment to lifelong learning and professional development.

The program focuses on what it means to be a professional rather than on the specifics of any particular business or profession. The personal interaction afforded by the mentoring relationship meets the needs of students in ways that classroom programs alone cannot meet.

The mentoring program begins with an orientation for mentors and proteges (students). Mentors and proteges generally meet once every four to six weeks either in person or virtually throughout the semester or academic year. Scheduling, platform, and topics are arranged between the mentor and the protégé. Throughout the mentoring experience, students are exposed to how a professional functions in various parts of professional life. In the process, the program emphasizes and develops students' leadership skills and expands their professional network. Combining classroom theory with work-world experience, students may participate in experiential learning opportunities as a part of the WCCPE mentoring program.

Short-Term Career Exploration

Short-term career exploration offers students the opportunity to explore different careers as they make decisions involving their education, career and future. Students may meet with professionals once or twice per term and accompany them through the workday, learning what their careers are all about. Students shadow professionals in an exceptional range of careers. For some careers where job shadowing is not available, an informational interview with a professional also serves as a means for students to explore the details of a career.

Students are encouraged to use this experience as a springboard for further discussion with the shadowed professional. For example, students might ask the professional questions inspired by current events, or ask for relevant literature to review. Students are also encouraged to speak with the professional about his or her own career and other opportunities in the field. At the end of the experience, students are asked to complete a reflective survey.

Career Experiences

Gaining career experience to supplement classroom learning is a critical component in the career growth trajectory of a student. To aid in the process, the WCCPE facilitates multiple avenues to access experiential opportunities:

- Online listings for full-time, part-time and internship opportunities are available via Handshake at elmhurst.joinhandshake.com
- Career Fairs and Networking Events
- Mock Interviewing
- On-campus Interviewing

Internships are also an excellent way for a student to get a close-up look at a field that interests them. By participating in an internship, students gain professional experience, confidence and a competitive edge.

- Elmhurst interns take on in-depth, substantive projects at Fortune 500 companies, nonprofits and government agencies. Students have worked at hundreds of sites, including high profile companies such as Ernst and Young, Argonne National Laboratory, Chicago Cubs and Walt Disney World.
- An internship enhances a student's resume, gives them marketable skills and professional contacts, and can also provide the inside track for a full-time job offer.
- Students integrate career-related experience into their education by participating in supervised work and even earn course credit. The experience complements and enhances classroom learning while creating links between the University and the world of work.
- Students of any major are eligible to take on an internship. Depending on their discipline, they work with their advisor and the WCCPE to choose an internship that matches their goals and interests.

Internship Credit

Students can receive academic credit for an internship but are not required to register for credit. It also is possible to receive credit and be paid. Internships for credit may be taken during Fall, J-Term, Spring and Summer Terms. Internship sites may be on or off-campus (SOB students may only do internships off-campus). The academic credit internship course also fulfills the Experiential Learning Tag requirement.

SPRING AND FALL TERM		
.50 Credit	7-13 hours/week for 14 weeks	Total: 98-182 hours
1.00 Credit	14-17 hours/week for 14 weeks	Total: 196-238 hours
1.50 Credit	18+ hours/week for 14 weeks	Total: 252+ hours
SUMMER TERM		
.50 Credit	13-24 hours/week for 8 weeks	Total: 98-182 hours
1.00 Credit	25-31 hours/week for 8 weeks	Total: 196-238 hours
1.50 Credit	32+ hours/ week for 8 weeks	Total: 252+ hours
JANUARY TERM		
.50 Credit	18-20 hours/week for 4 weeks	Total: 72-80 hours
1.00 Credit	35-40 hours/week for 4 weeks	Total: 140-160 hours

Health Professions Advising

Specialized advising is available to any student or alumnus who wishes to explore or learn about careers in health care.

Goals of Health Professions Advising

- To provide specialized academic and career advising and a program of activities, events and speakers to inform students about the health professions
- To offer appropriate resources and information about professional school programs, admission criteria and professional school tests
- To encourage and support academic and clinical programs and affiliations
- To coordinate the evaluation and recommendation committee process for health care students

Diversity Statement

Health Professions Advising supports individuals of all backgrounds by promoting study-abroad experiences, encouraging students to learn multiple languages, providing programs on diversity, advising students on the impact culture has on interpersonal communication, and expecting understanding and respect of others, regardless of their similarities or differences, in health care settings and beyond. In addition, the director of Health Professions Advising realizes that learning about culture is an ongoing process, and that there is no finite point to reach in our knowledge of ourselves and others.

Health care is a highly collaborative field, and practitioners must be culturally aware and sensitive to all patients/clients and team members in any medical setting or establishment to effectively fulfill their role.

By supporting individuals of all backgrounds, the director will aid students in their pursuit of serving others in a health-related capacity and overall development as globally aware citizens.

Professional Health Care Programs and Tracks at Elmhurst University

Professional programs and tracks lead directly to a health care career when the bachelor's degree is completed. Professional programs and tracks at Elmhurst University include:

- Diagnostic Medical Sonography (with Health Science Technology major)
- Exercise Science
- Medical Laboratory Science (with Biology major)
- Nuclear Medicine Technology (with Health Science Technology major)
- Nursing
- Public Health
- Radiation Therapy (with Health Science Technology major)

Nursing, public health, and exercise science are majors at Elmhurst. Students pursuing medical laboratory science major in biology and can apply to Elmhurst's affiliate partners Hines VA Hospital and NorthShore University HealthSystem. Students pursuing diagnostic medical sonography (DMS), nuclear medicine technology (NMT) and radiation therapy (RT) are health science technology majors. Elmhurst has partnerships with Northwestern Memorial Hospital for DMS, NMT, and RT. Admission to Elmhurst University does not guarantee admission to an affiliate track, and students must meet certain requirements to be eligible to apply. Interested students are responsible for learning about the requirements for any academic affiliation via the Health Professions Advising website (elmhurst.edu/hpa) in addition to meeting with their faculty advisor and the health professions advisor every semester to determine and maintain eligibility. Additional information about academic affiliations can also be found in this catalog under the Biology Department.

Pre-Professional Health Care Programs at Elmhurst University

The pre-professional programs involve undergraduate study that leads toward an application to professional or graduate school for completion of a student's education. Pre-professional programs do not require a specific major (unless a student is applying for one of Elmhurst's affiliate tracks with a hospital or professional school). Instead, students may choose any academic major. Courses required for entry into graduate or professional school are incorporated into students' academic schedules. Typically, completion of a bachelor's degree is an important step in preparation for further study in professional school.

Students who are pursuing a pre-professional program in health care will work with their faculty academic advisor as well as the health professions advisor. Students are strongly encouraged to plan an early consultation with the health professions advisor and to learn about academic and co-curricular requirements for the health professions. The advisor also provides information to students on entrance examinations and submitting applications to professional school.

The pre-professional programs include but are not limited to:

- Chiropractic
- Dentistry
- Medicine
- Occupational Therapy
- Optometry
- Pharmacy
- Physical Therapy
- Physician Assistant Studies
- Podiatry
- Speech-Language Pathology
- Veterinary Medicine

Recommended Courses

Recommended course lists for each health care program can be found on the Health Professions Advising website. It is important for students to realize that these lists are general recommendations since prerequisite courses vary from one school to the next. Thus, an individualized plan of coursework should be developed in consultation with the health professions advisor.

Health Professions Recommendation Committee

The health professions advisor coordinates a recommendation committee of faculty and staff for students applying to medical, dental and podiatric medical schools and to some affiliate programs. These committees interview and evaluate students, and the advisor prepares letters of recommendation for applicants.

Students should contact the advisor to learn about the process during the fall of their junior year, or at least a year and a half prior to their planned entrance into professional school.

Medical Humanities Minor

Open to all students, the medical humanities minor is designed to serve as a basis for the development and understanding of the skills and attributes associated with humanistic health care delivery. The minor includes coursework, research, scholarship and a clinical internship. *Please refer to the Medical Humanities section of this catalog.*

Professional School and Hospital Affiliate Partners

The Health Professions Advising program offers several affiliations with professional schools and hospitals for early admission or special consideration for various health professions. Below is a listing of all the affiliations. Information about each affiliation and the requirements can be found on the Health Professions Advising website (elmhurst.edu/hpa). In addition, students must meet with the advisor to discuss all requirements and to determine their eligibility to apply. Some affiliations require specific majors, GPAs, and entrance exam scores and limit transfer credit. Admission to Elmhurst University does not guarantee admission to an affiliate partner.

- Chiropractic Medicine: National University of Health Sciences
- Chiropractic Medicine: Northwestern Health Sciences University
- Clinical Psychology: Midwestern University
- Dentistry: Lake Erie College of Osteopathic Medicine
- Diagnostic Medical Sonography: Northwestern Memorial Hospital
- Medical Laboratory Science: Hines Hospital
- Medical Laboratory Science: NorthShore University HealthSystem
- Medicine: A.T. Still University
- Medicine: Lake Erie College of Osteopathic Medicine
- Nuclear Medicine Technology: Northwestern Memorial Hospital
- Optometry: Illinois College of Optometry
- Optometry: Midwestern University
- Pharmacy: Midwestern University, Chicago College of Pharmacy
- Pharmacy: Roosevelt University, College of Pharmacy
- Physical Therapy: Midwestern University
- Physician Assistant Studies: Midwestern University
- Podiatry: Lake Erie College of Osteopathic Medicine
- Respiratory Care: Rush University
- Radiation Therapy: Northwestern Memorial Hospital
- Veterinary Medicine: University of Illinois, Urbana-Champaign

All affiliations with professional schools and hospitals are subject to change.

Pre-Law Advising

Students interested in pursuing legal education and becoming an attorney should meet with the pre-law advisor, in addition to their faculty advisor, early in their undergraduate career. The pre-law advisor is available to assist students in planning an undergraduate course of study that will help make them a well-rounded candidate for law schools. Most law schools prefer a broad undergraduate liberal arts program and do not exhibit preferences toward applicants with a particular major. Therefore, there is no prescribed major or pre-law curriculum that students are required to follow. Students planning on applying to law school should take courses that develop rigorous and disciplined thinking as well as writing and oratory skills.

Pre-Law advising is available to help students craft a portfolio of on and off-campus extra-curriculars that will help them with their personal and professional growth. Pre-law advising is also available to assist students with all aspects of application planning for law school. Services specific to applying to law school can include: Law School Admissions Test (LSAT) planning, CAS application assistance, personal statement and resume review, and advice regarding letters of recommendation, choosing the right law school, and financial aid options.

Students planning to go directly from undergraduate studies into law school should plan to take the law school entrance exam (LSAT) in the summer before, or early fall of, their senior year. Students should plan to study for the LSAT for 15-20 hours per week for 2-3 months prior to the exam. The GRE (Graduate Record Examination) is accepted at some law schools in lieu of the LSAT. Consult with the pre-law advisor to determine which is the better option for you. Applications to law school should be submitted in the late fall of senior year.

Students interested in exploring a career in the legal professions (attorney, paralegal, or other related career) should consider enrolling in CPP 298 Exploring the Legal Profession. In addition, students may meet with the pre-law advisor to learn about the different legal professions.

Legal Studies Minor

Students interested in careers in the law should take special notice of the Legal Studies Minor, offered in partnership between the WCCPE and the Political Science Department. The minor offers the foundations for success in the legal fields. Students can find more information under minors within the Political Science Department page.

Courses

CPP-100 First Leap
CPP-111 Sophomore Success
CPP-211 Personl, Professionl Portfolio
CPP-292 Independent Study
CPP-298 Exploring the LegalProfession
CPP-299 Prof Fndatns for Career Devlp
CPP-399 Professional Career Prep
EXP-250 Experiential Learning

Sociology & Criminal Justice Department

The Department of Sociology and Criminal Justice offers undergraduate degrees in Sociology and Criminal Justice, as well as minors in Sociology, Criminal Justice and Social Work.

Sociology

The mission of the sociology program is to develop in our students the unique insight of the science of the sociological imagination. Majors and minors will have the opportunity to explore the ways social forces shape individual lives, social interactions, and opportunity. To this end, students will be actively engaged in the systematic study of social behavior and social interaction, social structures, and the changing nature of society.

For those who are driven by a curiosity to explain social phenomena, the Elmhurst Sociology curriculum offers students a variety of courses to develop their sociological imagination. Core courses will introduce students to the foundations of sociological theory and train them in the science of sociological analysis. Upper level courses empower students to study society in order to understand its basic structure and processes—basic sociology—or to provide practical solutions to the problems faced by societies, organizations, groups and individual— applied sociology.

Majors and minors in sociology develop a number of skills valuable to sociological analysis, which can be utilized in a variety of post-graduate interests. These include analytical and problem-solving skills, data analysis, and policy assessment. These skills have empowered our students to pursue their interests in social service, government, law, medicine, or for graduate study to become a professor, researcher, or applied sociologist.

Students may pursue a major in sociology or a minor in sociology or social work. The sociology major and social work minor is recommended for sociology majors interested in careers in community organizing and social services, including social work. A minor in sociology is valuable for students majoring in a variety of fields, including business, criminal justice, education, intercultural studies, nursing, political science, psychology, religious studies and urban studies. A minor in social work is useful for students with an interest in the social work application of social science theories and for those intending to do graduate study in social work.

Criminal Justice

The mission of the criminal justice program is to provide a social scientific approach to the criminal justice system within the context of a liberal arts curriculum. Students learn about the nature and causes of crime and the structures and processes by which society responds to criminal behavior, including law enforcement, the courts, correctional system, and criminal law. Majors and minors have the opportunity to study criminal justice, as well as, related fields, such as sociology and political science.

Students may pursue a major or minor in criminal justice. The major prepares students for entry-level positions in both the criminal justice system and social service sector, including law enforcement, corrections, probation and parole, as well as for advanced study in graduate and professional schools in criminal justice, criminology and criminal law. The criminal justice minor is for students whose career goals require an understanding of criminal behavior and the criminal justice system.

Departmental Student Learning Outcomes

Graduates from the Sociology and Criminal Justice Department will be able to do the following after graduation:

• Identify and apply sociological or criminological theories/ philosophies to critically evaluate and understand social phenomena

• Use scientific principles to evaluate social phenomena and communicate the findings

• Identify and analyze the inequity of the social structure to better develop solutions with the goal of informing ethical policy and/or practice

FACULTY
Emily Navarro - *Chair and Associate Professor, Sociology*
Tracy Crump - *Associate Professor, Criminal Justice*
Andrea Krieg - *Associate Professor, Criminal Justice*
Hannah Liebreich - *Assistant Professor, Criminal Justice*

Programs

CHY.MIN - Childhood and Youth Studies Minor
CJ.BA - Criminal Justice BA
CJ.BS - Criminal Justice BS
CJ.MIN - Criminal Justice Minor
GND.MIN - Gender Studies Minor
RES.MIN - Race and Ethnic Studies Minor
SOC.BA - Sociology BA
SOC.BS - Sociology BS
SOC.MIN - Sociology Minor
SOW.MIN - Social Work Minor

Courses

CJ-100 Intro Criminal Justice System
CJ-210 Policing and Society
CJ-215 Corrections:Theory&Practice
CJ-292 Independent Study
CJ-308 Theories of Criminology
CJ-319 Juvenile Delinquency & Justice System
CJ-320 Corporate White Collar & Org. Crime
CJ-323 Methods of Social Research
CJ-330 Criminal Investigation
CJ-340 Gender & Crime
CJ-350 Social&CrJusticePolicyIn U.S.
CJ-351 Communities & Crime
CJ-352 Criminal Justice Ethics
CJ-353 Race/Ethnicity and the CrimJusticeSys
CJ-408 Criminology
CJ-411 Criminal Law and Procedure
CJ-480 Selected Topics in Criminal Justice
CJ-490 Independent Field Work
CJ-491 Independent Research
CJ-492 Independent Study
CJ-495 Honors Independent Research
CJ-496 Capstone Seminar
SOC-100 Introductory Sociology
SOC-212 Sociology of Culture
SOC-292 Independent Study
SOC-301 Social Problems
SOC-304 Race and Ethnic Relations
SOC-305 Sex and Gender in Society
SOC-310 Class and Status
SOC-316 Society, Health, and Illness
SOC-317 Marriage & the Family
SOC-320 Sociology Of Latino/as
SOC-323 Methods of Social Research
SOC-330 Global & Transnational Sociology
SOC-351 The Sociology of Identity
SOC-352 The Sociology of Work
SOC-353 Sociology of Childhood & Youth
SOC-358 Sociology of Culture
SOC-370 Environmental Sociology
SOC-424 Sociological Theory
SOC-480 Selected Topics in Sociology
SOC-490 Independent Field Work
SOC-491 Independent Research
SOC-492 Independent Study
SOC-495 Honors Independent Research
SOC-496 Capstone Seminar
SW-303 Introduction to Social Work
SW-308 Social Services Child and Adolescent
SW-404 Social Work With Individuals & Families
SW-406 Social Work Within Groups & Communities

Theatre and Dance Department

Humans are storytellers, and the arts of theatre and dance provide creative means for storytelling. We see ourselves in our histories and offer stories that raise essential questions. We create fantasies that explore human potential, and we focus our attention on the tragedies that allow us to grieve. Elmhurst's Department of Theatre and Dance offers majors and minors that allow you to explore your role as a storyteller - and story maker. Each path provides a curriculum exploring the foundations of these storytelling arts. Skills and technique are partnered with analysis, history and design.

The department offers three majors: Theatre Arts Education, Musical Theatre, and Theatre major with a variety of concentrations. Our minors in Dance and Theatre complement a wide range of majors in other disciplines. Our minors in Dance Education and Theatre Arts Education can support endorsement for those seeking teacher licensure in other areas.

Collaboration, analysis and communication are also at the heart of our fields. Often referred to as "soft skills," these practices are highly valued in businesses and disciplines across private and public sectors.

Our graduates go on to direct, to design, to build, and to perform. They teach and lead, bringing stories to life in schools, with arts organizations and in a variety of other settings. Whether they run their own company or "gig" from one to another, these artists, teachers and artisans create amazing stories. They make lives that are part of the art of theatre and dance.

Departmental Learning Outcomes

Elmhurst University Theatre and Dance student will be able to:

- Demonstrate a fundamental knowledge of the theatre and/or dance and their terminologies.
- Demonstrate fundamental competency in the application of skills essential for entering the work force.
- Apply the process of research and analysis necessary to the creation of theatre or dance productions.
- Demonstrate accumulated knowledge and competencies through collaborative projects in theatre and/or dance.

FACULTY
Janice Pohl - *Chair, Department of Theatre and Dance; Associate Professor, Theatre; Director of Theatre*
Andrew Behling - *Lecturer*
Amy Lyn McDonald - *Associate Professor, Theatre and Dance; Head of Dance*
Felicia Elias - *Adjunct Faculty*
Edwin Wilson - *Adjunct Faculty*
STAFF
Sean McDonald - *Technical Director*

Programs

DAE.MIN - Dance Education Minor
DAN.MIN - Dance Minor
MUR.BA - Musical Theatre BA
TAE.BA - Theatre Arts Education BA
TAE.MIN - Theatre Arts Education Minor
THE.BA - Theatre BA
THE.BS - Theatre BS
THE.MIN - Theatre Minor

Courses

ATA-011 AppStdyThtre:Acting Noncredit
ATA-101 Applied StudyTheatre: Acting
ATA-102 AppStdyThtre: Acting
ATA-201 AppStdyThtre: Acting
ATA-202 AppStdyThtre: Acting
ATA-301 AppStdyThtre: Acting
ATA-302 AppStdyThtre: Acting
ATA-401 AppStdyThtre: Acting
ATA-402 AppStdyThtre: Acting
ATB-011 AppStdyThtre:ThtreBus/Admin Non Credit
ATB-101 AppStdyThtre: ThtreBus/Admin
ATB-102 AppStdyThtre: ThtreBus/Admin
ATB-201 AppStdyThtre: ThtreBus/Admin
ATB-202 AppStdyThtre: ThtreBus/Admin
ATB-301 AppStdyThtre: ThtreBus/Admin
ATB-302 AppStdyThtre: ThtreBus/Admin
ATB-401 AppStdyThtre: ThtreBus/Admin
ATB-402 AppStdyThtre: ThtreBus/Admin
ATD-011 AppStdyThtre: Directing
ATD-101 AppStdyThtre: Directing
ATD-102 AppStdyThtre: Directing
ATD-201 AppStdyThtre: Directing

ATD-202 AppStdyThtre: Directing
ATD-301 AppStdyThtre: Directing
ATD-302 AppStdyThtre: Directing
ATD-401 AppStdyThtre: Directing
ATD-402 AppStdyThtre: Directing
ATM-011 AppStdyThtre:MusicalTheatre
ATM-101 AppStdyThtre:MusicalTheatre
ATM-102 AppStdyThtre:MusicalTheatre
ATM-201 AppStdyThtre:MusicalTheatre
ATM-202 AppStdyThtre:MusicalTheatre
ATM-301 AppStdyThtre:MusicalTheatre
ATM-302 AppStdyThtre:MusicalTheatre
ATM-401 AppStdyThtre:MusicalTheatre
ATM-402 AppStdyThtre:MusicalTheatre
ATP-011 AppStdyThtre: Playwriting
ATP-101 AppStdyThtre: Playwriting
ATP-102 AppStdyThtre: Playwriting
ATP-201 AppStdyThtre: Playwriting
ATP-202 AppStdyThtre: Playwriting
ATP-301 AppStdyThtre: Playwriting
ATP-302 AppStdyThtre: Playwriting
ATP-401 AppStdyThtre: Playwriting
ATP-402 AppStdyThtre: Playwriting
ATS-011 AppStdyThtre:StageManagement
ATS-101 AppStdyThtre:StageManagement
ATS-102 AppStdyThtre:StageManagement
ATS-201 AppStdyThtre:StageManagement
ATS-202 AppStdyThtre:StageManagement
ATS-301 AppStdyThtre:StageManagement
ATS-302 AppStdyThtre:StageManagement
ATS-401 AppStdyThtre:StageManagement
ATS-402 AppStdyThtre:StageManagement
ATT-011 AppStdyThtre:Design & Tech
ATT-101 AppStdyThtre:Design & Tech
ATT-102 AppStdyThtre:Design & Tech
ATT-201 AppStdyThtre:Design & Tech
ATT-202 AppStdyThtre:Design & Tech
ATT-301 AppStdyThtre:Design & Tech
ATT-302 AppStdyThtre:Design & Tech
ATT-401 AppStdyThtre:Design & Tech
ATT-402 AppStdyThtre:Design & Tech
ATX-011 AppStdyThtre: Costuming
ATX-101 AppStdyThtre: Costuming
ATX-102 AppStdyThtre: Costuming
ATX-201 AppStdyThtre: Costuming
ATX-202 AppStdyThtre: Costuming
ATX-301 AppStdyThtre: Costuming
ATX-302 AppStdyThtre: Costuming
ATX-401 AppStdyThtre: Costuming
ATX-402 AppStdyThtre: Costuming
THE-173 Improvisation Ensemble
THE-175 Theatre Practicum
THE-208 Mid East Dance Thru Hist to Today
THE-221 Dance Appreciation
THE-225 Acting
THE-226 Acting Technique I
THE-227 Development of the Theatre
THE-228 Stagecraft
THE-238 Introduction to Design
THE-273 Improvisation Ensemble
THE-275 Theatre Practicum
THE-292 Independent Study in Theatre
THE-301 Voice & Movement for the Stage
THE-302 Ballet
THE-303 Jazz Dance
THE-304 Tap Dance
THE-305 Social Dance and Period Styles
THE-306 Modern Dance Technique
THE-310 Dance Ensemble
THE-314 History of Musical Theatre
THE-325 Oral Interpretation
THE-326 Acting Technique II
THE-328 Intermed Design for Stage
THE-329 World Theatre & Drama in Cultural Contxt
THE-331 History of Westrn Theatre I
THE-332 History of Westrn Theatre II
THE-338 Costume Construction
THE-340 Creative Drama
THE-350 Play Analysis
THE-352 Special Topics in Theatre
THE-372 TheatricThry:Theatre&SocJust
THE-373 Improvisation Ensemble
THE-375 Theatre Practicum
THE-402 Advanced Ballet
THE-403 Advanced Jazz
THE-404 Advanced Tap
THE-405 Adv Social Dance & Period Styl
THE-406 Adv Modern Dance Technique
THE-410 Teaching of Dance
THE-412 Professionl Developmnt in THE
THE-421 Choreography of Dance
THE-424 Directing
THE-426 Acting Technique III
THE-440 Teaching Theatre Arts
THE-468 Internship
THE-470 Avant Garde Theatre
THE-471 Holocaust Theatre
THE-473 Improvisation Ensemble
THE-475 Theatre Practicum
THE-492 Independent Study in Theatre
THE-495 Honors Independent Research
THE-498 Theatre Capstone

Urban Studies Department

The urban studies program provides an interdisciplinary, career-focused major and minor. In a nation that is more than 80 percent urban, it is increasingly important to understand the past, present and future of our cities and metropolitan areas.

An integral part of the program is the use of the greater Chicago metropolitan region as a laboratory for study. Classroom instruction, internships and research projects are combined with field trips, guest speakers and practical experiences to provide a comprehensive learning experience.

The urban studies program offers numerous options following graduation, including careers in municipal administration, environmental management, housing, law, planning, social work and transportation coordination. A degree in urban studies also provides students with opportunities for graduate study. Among the possibilities are degrees in political science, geography, law, public administration, social work, sociology, urban planning and urban studies.

Mission Statement

The urban studies program at Elmhurst University, through an interdisciplinary liberal arts framework, inspires students to think critically about the diverse issues, problems, development and prospects of metropolitan areas and their citizens.

Program Goals

• To provide students with a broad interdisciplinary liberal arts framework for understanding the issues, problems, development and prospects of metropolitan areas and their citizens.

• Understand the social, economic, political and governmental conditions of metropolitan areas and their impacts on individuals, institutions and society.

• Demonstrate understanding of the diverse nature of urban populations and the social justice issues many of these populations face.

• Identify ways of creating more humane, equitable, sustainable and efficient built environments to improve urban futures.

FACULTY
Constance Mixon Ph.D., MPA - *Director, Urban Studies Program; Professor, Political Science*

Programs

URB.BA - Urban Studies BA
URB.BS - Urban Studies BS
URB.MIN - Urban Studies Minor

Courses

URB-210 Cities
URB-291 Suburbia: People, Problems, & Policies
URB-292 Independent Study
URB-320 Sustainable Urban Development
URB-421 Practical Politics & Political Campaign
URB-430 Seminar in Urban Studies
URB-445 Senior Seminar: Topics in POL & URB
URB-468 Internship
URB-492 Independent Study
URB-495 Honors Independent Research

World Languages, Literatures and Cultures Department

The study of languages fosters interest in different cultures, develops an understanding of the significance of language in human affairs and promotes self-awareness and self-growth through interaction with the languages and peoples of other cultures. The Department of World Languages, Literatures and Cultures believes that "Language and communication are at the heart of the human experience. The United States must educate students who are linguistically and culturally equipped to communicate successfully in pluralistic American society and abroad" (American Council on the Teaching of Foreign Languages).

Mission

In an interconnected and global world, the Department of World Languages, Literatures and Cultures at Elmhurst University aims to educate students to become communicatively and culturally competent and to become informed global citizens with attained proficiency in languages and would cultures. As scholars, we pursue research of language, literature and culture that contributes to the understanding of the human experience around the world.

Student Learning Outcomes

The key proficiency-based learning outcomes for the Department of World Languages are linked to the ACTFL national standards, called "the Five Cs":

• **Communication** - Students will be able to communicate in languages other than English

• **Cultures** - Students will gain knowledge and understanding of other cultures

• **Connections** - Students will be able to connect their learning with other disciplines

• **Comparisons** - Students will develop insight into the nature of language and culture

• **Communities** - Student will able to participate and engage in multi-lingual and multi-cultural communities in the US and around.

Study Abroad

The Department of World Language offers short-term faculty-led study abroad courses to French, German and Spanish-speaking countries. Students also have the opportunity to participate in affiliated semester or year-long programs and internships.

Course Placement

Students with foreign language experience take a placement exam to determine proper course level before registration. Placement tests are also offered in languages other than those taught at the University. Upon successful completion of the appropriate language course at Elmhurst University, students who have placed beyond the 101 level are awarded one course credit for previously attained language competency. Students must enroll in the course into which they have placed unless granted permission from the Department Chair.

FACULTY
Rebecca Monger - *Chair, World Languages, Literatures and Cultures; Associate Professor, French*
Federica E. Bando - *Lecturer, Spanish*
Beatriz Gómez-Acuña - *Professor, Spanish*
Christopher Travis - *Professor, Spanish and Latin American Culture*

Programs

FRN.BA - French BA
FRN.BS - French BS
FRN.MIN - French Minor
FTM.MIN - French Teaching Minor
LTS.BA - Latino Studies BA
LTS.MIN - Latino Studies Minor
ML.BA - Multi Language BA
SPN.BA - Spanish BA
SPN.BS - Spanish BS
SPN.MIN - Spanish Minor
STM.MIN - Spanish Teaching Minor
WLC.MIN - World Languages and Cultures Minor
WLE.BA - World Language Education BA
WLE.BS - World Language Education BS

Courses

FRN-101 Elementary French I
FRN-102 Elementary French II
FRN-201 Intermediate French I
FRN-202 Intermediate French II
FRN-203 French Language & Culture
FRN-215 January Paris:LivingParisianArt&Culture
FRN-292 Independent Study
FRN-301 French Conversation & Composition
FRN-302 Adv French Conversation & Composition
FRN-305 Business French
FRN-310 Jan In Morocco:Explore N African ID&Cul
FRN-314 Cultural Heritage France II
FRN-315 January Paris:LivingParisianArt&Culture
FRN-335 Frn/FrancophoneLit I-Pre-1800
FRN-336 Frn/FrancphonLit II-Post1800
FRN-452 Directed Reading
FRN-492 Independent Study
FRN-495 Honors Independent Research
GRM-101 Elementary German I
GRM-102 Elementary German II
GRM-201 Intermediate German I
GRM-202 Intermediate German II
GRM-215 Berlin, Prague,Vienna:Lang & Legacy
GRM-301 German Conversation & Composition
GRM-302 Adv German Conv & Comp
GRM-305 Business German
GRM-312 Berlin,Prague,Vienna-Lang & Legacy
GRM-313 German Civilization & Literature I
GRM-315 Berlin,Prague,Vienna:Lang & Legacy
GRM-335 German Literature in Context I
GRM-336 German Lit in Context II
GRM-415 Berlin,Prague,Vienna:Lang & Legacy
GRM-452 Directed Reading
GRM-492 Independent Study
ITL-101 Elementary Italian I
ITL-102 Elementary Italian II

ITL-201 Intermediate Italian I
ITL-202 Intermediate Italian II
ITL-235 Italy: History and Cinema
ITL-255 Ital Civilizatn & Culture I
ITL-256 ItalianCivilizatn&Cultur II
ITL-276 LT Dante's Divine Comedy I Inferno
ITL-277 LT-Dante's DivinaCommedia II
ITL-282 MACHIAVELLI
ITL-283 MICHELANGELO
ITL-284 Galileo
ITL-288 Da Vinci
ITL-295 Italian Cinema
ITL-300 ITL300 AdvGrammar&Composition
ITL-307 Perspectives on Venice: CityBuiltonWater
ITL-345 Business Italian
ITL-368 Literature of Modern Italy
JPN-101 Japanese Anime Enthusiasts
JPN-102 JapanesAnime Enthusiasts II
JPN-292 IndSty
LTS-301 IntroToLatinoStudieThroughLit
LTS-302 IntroToLatinoStudiesThroughLinguistics
LTS-303 IntroToLSThroughFilm,Media,PopCulture
SPN-101 Elementary Spanish I
SPN-102 Elementary Spanish II
SPN-201 Intermediate Spanish I
SPN-202 Intermediate Spanish II
SPN-301 Spanish Grammar & Composition
SPN-302 SpnConversatnGrammar Service
SPN-304 Tchg Hispanic Children Lit
SPN-305 Business Spanish
SPN-306 Medical Spanish
SPN-307 Spanish for Heritage Speakers I
SPN-308 Spanish for Heritage Speakers II
SPN-310 Intro to Hispanic Literature
SPN-312 Spanish Culture
SPN-313 Survey of Spanish Literature I
SPN-314 Survey of Spanish Literature II
SPN-315T Cultural/LinguisImmersion:
SPN-316 Spanish-Speaking Chicago
SPN-317 History and Culture of Argentina
SPN-321 Intro Span Sociolinguistics
SPN-334 Latin American Culture
SPN-335 Survey Latin-Amer Lit I
SPN-336 Survey Latin-American Lit II
SPN-392 Walk El Camino de Santiago
SPN-415T Cultural/LinguisImmersion:
SPN-450 Independent Study
SPN-452 Directed Reading
SPN-492 Independent Study
WL-209 World Literature in English
WL-215 Genocide & the Holocaust
WL-230 Chinese Art & Calligraphy
WL-309 World Cinema
WL-315 Study Abroad Travel
WL-320 Non-West Culture/Lit & Film
WL-440 Spec Mthds/Tchg World Lang
WL-451 Senior Research Capstone
WL-468 Capstone Internship
WL-492 Independent Study
WL-495 Honors Independent Research

All Programs

AB.BA - Art Business BA

General

Description
The art business major consists of the Core Curriculum; ART 216; two 300- or 400-level studio electives; ART 468; BUS 230, 250 and 263; and two electives chosen from BUS 332, 333, 334 and 335. The art business major is intended for students who wish to pursue careers where knowledge and proficiency in both art and business are desirable.

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

Art Core

Complete ALL of the following Course Sets:
- Art Core

Art Business Major

Complete ALL of the following Courses:
- ART216 - Intro to Graphic Design
- ART468 - Internship
- BUS230 - Principles of Marketing
- BUS250 - Management Theory and Practice
- BUS263 - Acc & Financial Mgt for Non-Bus Majors

Studio Elective Requirement

Two 300- or 400-level studio electives
**Recommended: ART 325*

Business Elective Requirement

Complete at least 2 of the following courses:
- BUS333 - Marketing Research

AB.BFA - Art Business BFA

General

Description
The art business major consists of the Core Curriculum; ART 216; two 300- or 400-level studio electives; ART 468; BUS 230, 250 and 263; and two electives chosen from BUS 332, 333, 334 and 335. The art business major is intended for students who wish to pursue careers where knowledge and proficiency in both art and business are desirable.

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

Art Core

Complete ALL of the following Course Sets:
- Art Core

Art Business Major

Complete ALL of the following Courses:
- ART216 - Intro to Graphic Design
- ART468 - Internship
- BUS230 - Principles of Marketing
- BUS250 - Management Theory and Practice
- BUS263 - Acc & Financial Mgt for Non-Bus Majors

Studio Elective Requirement

Two 300- or 400-level studio electives
**Recommended: ART 325*

Business Elective Requirement

Complete at least 2 of the following courses:
- BUS333 - Marketing Research

Bachelor of Fine Arts Option
Type
Completion Requirement

ART235 Requirement

Complete ALL of the following Courses:
- ART235 - Sculpture Studio

Studio Course Requirement

Eight 300- or 400-level studio courses
A minimum of four of these studio courses must be in the same studio area.

Additional Comments:
Students wishing to enter the bachelor of fine arts program must present a portfolio for review by the art faculty. It is highly recommended that candidates submit their portfolios in the Spring Term of their sophomore year. Portfolios may be presented no later than the first term of junior year to be accepted into the bachelor of fine arts program.

Transfer students above junior rank with a degree in art from another institution, who seek a B.F.A. major must take ART 443, ART 490, ART 491 and one upper-level studio course from the Elmhurst University Department of Art. Bachelor of fine arts candidates must submit a portfolio and pass a portfolio review before admittance to the program. Students with exceptional undergraduate qualifications in art may petition the chair of the Department of Art to waive or modify this requirement.

ACC.BA - Accounting BA

General

Description
The four-year undergraduate accounting program requires the Core Curriculum and seven additional courses. The undergraduate program requires 32 credits, or 128 semester hours. Students are required to complete 150 semester hours of college credit to be eligible to sit for the Certified Public Accounting (CPA) examination. To meet the 150-hour requirement, a student can finish the

four-year undergraduate program and then take additional undergraduate courses from the recommended list to accumulate 150 semester hours. Students choosing to take 150 semester hours at the undergraduate level should work closely with their advisor to select the most appropriate set of courses that meets their needs. As of July 1, 2013, CPA candidates must complete these additional requirements: two semester hours of business communications and three semester hours of business ethics. Students can complete these requirements by completing designated courses at the undergraduate level at Elmhurst University.

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

Business Core

A minimum grade of C or better in the business core as well as in a special field major is required for graduation.

Complete ALL of the following Course Sets:

- Business Core

Accounting Major

A minimum grade of C or better in the business core as well as in a special field major is required for graduation.

Complete ALL of the following Courses:

- BUS361 - Intermediate Accounting I
- BUS362 - Intermediate Accounting II
- BUS360 - Cost Accounting
- BUS365 - Business Law
- BUS366 - Accounting Information Systems
- BUS462 - Income Taxation I
- BUS466 - Auditing

Electives
Type
Completion Requirement

Recommended Additional Courses

Complete ANY of the following Courses:

- BUS350 - Cultural Diversity in Org
- BUS441 - Corporate Finance
- BUS470 - Seminar in Special Topics
- BUS492 - Independent Study
- COM315 - Intercultural Communication
- COM319 - Business & Professional Communication
- ECO414 - Microeconomics
- ECO416 - Macroeconomics
- PHL310 - Business Ethics

ACC.BS - Accounting BS

General

Description
The four-year undergraduate accounting program requires the Core Curriculum and seven additional courses. The undergraduate program requires 32 credits, or 128 semester hours. Students are required to complete 150 semester hours of college credit to be eligible to sit for the Certified Public Accounting (CPA) examination. To meet the 150-hour requirement, a student can finish the four-year undergraduate program and then take additional undergraduate courses from the recommended list to accumulate 150 semester hours. Students choosing to take 150 semester hours at the undergraduate level should work closely with their advisor to select the most appropriate set of courses that meets their needs. As of July 1, 2013, CPA candidates must complete these additional requirements: two semester hours of business communications and three semester hours of business ethics. Students can complete these requirements by completing designated courses at the undergraduate level at Elmhurst University.

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

Business Core

A minimum grade of C or better in the business core as well as in a special field major is required for graduation.

Complete ALL of the following Course Sets:

- Business Core

Accounting Major

A minimum grade of C or better in the business core as well as in a special field major is required for graduation.

Complete ALL of the following Courses:

- BUS361 - Intermediate Accounting I
- BUS362 - Intermediate Accounting II
- BUS360 - Cost Accounting
- BUS365 - Business Law
- BUS366 - Accounting Information Systems
- BUS462 - Income Taxation I
- BUS466 - Auditing

Electives
Type
Completion Requirement

Recommended Additional Courses

Complete ANY of the following Courses:

- BUS350 - Cultural Diversity in Org
- BUS441 - Corporate Finance
- BUS470 - Seminar in Special Topics
- BUS492 - Independent Study
- COM315 - Intercultural Communication
- COM319 - Business & Professional Communication
- ECO414 - Microeconomics
- ECO416 - Macroeconomics
- PHL310 - Business Ethics

Bachelor of Science Option
Type
Completion Requirement

Math Requirement

Complete two college-level mathematics courses.

ACT.BS - Actuarial Science BS

General

Description
Major in Actuarial Science Actuaries are trained in mathematics, statistics and economic techniques that allow them to quantify risk. They use their skills to analyze and solve business and social problems related to insurance, pensions, Social Security, employee benefits and related fields.
Program Information
Actuaries work for insurance companies, investment firms, government agencies, employee benefits consulting firms and others. The Jobs Rated Almanac, which rates 200 jobs on the basis of such categories as salary, benefits, outlook for the future, stress, work environment and job security, has rated actuaries among the top jobs in all of its rankings since the 2000s.

Actuaries achieve professional status by passing a series of examinations administered by the Society of Actuaries (SOA) and/or the Casualty Actuarial Society (CAS). Students are generally expected to have passed one or two of the exams while in college, but most are taken after employment. The Elmhurst University Actuarial Science Program prepares students to take the first two actuarial exams covering probability (SOA Exam P) and Financial Mathematics (SOA Exam FM) and obtain SOA/CAS credit for the topics of Economics (Micro and Macro), Accounting and Finance, and Mathematical Statistics.

The Elmhurst University major in actuarial science consists of 13.00 credits at or above the 200 level but excludes MTH 325, MTH 326, MTH 327 and MTH 345. All actuarial science majors are required to complete MTH 251, MTH 301, MTH 346, MTH 351, MTH 400, MTH 421, MTH 422, MTH 451, BUS 261, BUS 262, BUS 340, CS 220, ECO 210, and ECO 211.

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

Actuarial Science Major

Complete ALL of the following Courses:
- MTH251 - Calculus III
- MTH301 - Discrete Mathematics
- MTH346 - Statistics for Scientists
- MTH351 - Mathematics of Finance
- MTH400 - Research Methods in Mathematics
- MTH421 - Probability Theory
- MTH422 - Mathematical Statistics
- MTH451 - Senior Paper
- BUS261 - Financial Accounting
- BUS262 - Management Accounting
- BUS340 - Business Finance
- CS220 - Computer Science I
- ECO210 - Principles of Microeconomics
- ECO211 - Principles of Macroeconomics

AHS.MIN - Art History Minor

General

Description
The minor in Art History complements the traditional studio art minor. Completion of the minor consists of five art history courses with a minimum of 20 semester hours of coursework and cannot include more than two transfer courses.

Requirements

Simple Requisites

Minor Requirements
Type
Completion Requirement

Art History Courses

Complete 20 semester hours
Cannot include more than two transfer courses

ART.BA - Art BA

General

Description
All majors in art require a combination of the Core Curriculum and concentrations in studio work. The Core Curriculum is designed to provide students with knowledge of and ability to use the basic components of visual literacy, an understanding of the art historical heritage of Western culture and of non-European traditions, and an understanding of how these areas of the discipline interrelate and how they are integrated in practice.

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

Art Core Curriculum

Complete ALL of the following Courses:
- ART113 - Intro to Art Software
- ART115 - Drawing Studio
- ART120 - Painting Studio
- ART125 - Design Studio
- ART341 - Survey History of Western Art
- ART342 - Survey History of Modern Art
- ART443 - Issues in Contemporary Art
- ART490 - Capstone Course
- ART491 - Capstone Exhibition

Non-European Art History Requirement

Complete at least 1 of the following courses:
- ART373 - Survey of Non-European Art
- ART376 - Art of India

ART.BFA - Art BFA

General

Description
The bachelor of fine arts major offers more depth of experience in studio practice and is recommended for those who might wish to pursue graduate study. This major consists of the Core Curriculum plus ART 235 and two areas of

concentration consisting of eight studio courses at the 300 or 400 level. A minimum of four of these studio courses must be in the same studio area. Students wishing to enter the bachelor of fine arts program must present a portfolio for review by the art faculty. It is highly recommended that candidates submit their portfolios in the Spring Term of their sophomore year. Portfolios may be presented no later than the first term of junior year to be accepted into the bachelor of fine arts program. Transfer students above junior rank with a degree in art from another institution, who seek a B.F.A. major must take ART 443, ART 490, ART 491 and one upper-level studio course from the Elmhurst University Department of Art. Bachelor of fine arts candidates must submit a portfolio and pass a portfolio review before admittance to the program. Students with exceptional undergraduate qualifications in art may petition the chair of the Department of Art to waive or modify this requirement.

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

Art Core Curriculum

Complete ALL of the following Courses:
- ART113 - Intro to Art Software
- ART115 - Drawing Studio
- ART120 - Painting Studio
- ART125 - Design Studio
- ART341 - Survey History of Western Art
- ART342 - Survey History of Modern Art
- ART443 - Issues in Contemporary Art
- ART490 - Capstone Course
- ART491 - Capstone Exhibition

Non-European Art History Requirement

Complete at least 1 of the following courses:
- ART373 - Survey of Non-European Art
- ART376 - Art of India

Bachelor of Fine Arts Option
Type
Completion Requirement

ART235 Requirement

Complete ALL of the following Courses:
- ART235 - Sculpture Studio

Studio Course Requirement

Eight 300/400-level studio courses

Additional Comments:
Students wishing to enter the bachelor of fine arts program must present a portfolio for review by the art faculty. It is highly recommended that candidates submit their portfolios in the Spring Term of their sophomore year. Portfolios may be presented no later than the first term of junior year to be accepted into the bachelor of fine arts program.

Transfer students above junior rank with a degree in art from another institution, who seek a B.F.A. major must take ART 443, ART 490, ART 491 and one upper-level studio course from the Elmhurst University Department of Art. Bachelor of fine arts candidates must submit a portfolio and pass a portfolio review before admittance to the program. Students with exceptional undergraduate qualifications in art may petition the chair of the Department of Art to waive or modify this requirement.

ART.BS - Art BS

General

Description
All majors in art require a combination of the Core Curriculum and concentrations in studio work. The Core Curriculum is designed to provide students with knowledge of and ability to use the basic components of visual literacy, an understanding of the art historical heritage of Western culture and of non-European traditions, and an understanding of how these areas of the discipline interrelate and how they are integrated in practice.

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

Art Core Curriculum

Complete ALL of the following Courses:
- ART113 - Intro to Art Software
- ART115 - Drawing Studio
- ART120 - Painting Studio
- ART125 - Design Studio
- ART341 - Survey History of Western Art
- ART342 - Survey History of Modern Art
- ART443 - Issues in Contemporary Art
- ART490 - Capstone Course
- ART491 - Capstone Exhibition

Non-European Art History Requirement

Complete at least 1 of the following courses:
- ART373 - Survey of Non-European Art
- ART376 - Art of India

Bachelor of Science Option
Type
Completion Requirement

Math Requirement

Complete two college-level mathematics courses.

ART.MIN - Art Minor

General

Description
A minor in art consists of five art courses: a minimum of one art history course, one studio course at the 300 or 400 level, and not more than two transfer courses.

Requirements

Simple Requisites

Minor Requirements
Type
Completion Requirement

Art Courses

Fulfill ALL of the following requirements:

Art History Course

Complete one Art History course

AND

Studio Course

Complete one studio course at the 300/400 level

Not more than two transfer courses

Art minor requirements

Five total Art courses required

BAD.BA - Business Administration BA

General

Description
Requirements for a Major in Business Administration The Core Curriculum by itself leads to a major in business administration.

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

Business Core Curriculum

A minimum grade of C or better in the business core as well as in a special field major is required for graduation.

Complete ALL of the following Courses:

- BUS230 - Principles of Marketing
- BUS250 - Management Theory and Practice
- BUS261 - Financial Accounting
- BUS262 - Management Accounting
- BUS271 - Intro to Global Business
- BUS301 - Intro Logistics&SupplyChnMgt
- BUS340 - Business Finance
- BUS456 - Strategic Mgt in the Global Environment
- ECO210 - Principles of Microeconomics
- ECO211 - Principles of Macroeconomics
- MTH126 - Business Calculus
  OR MTH151 - Calculus I
- MTH345 - Elementary Statistics

BAD.BS - Business Administration BS

General

Description
Requirements for a Major in Business Administration The Core Curriculum by itself leads to a major in business administration. Core Curriculum BUS 230 Principles of Marketing BUS 250 Management Theory and Practice BUS 261 Financial Accounting BUS 262 Management Accounting BUS 271 Introduction to Global Business BUS 301 Introduction to Logistics & Supply Chain Management BUS 340 Business Finance BUS 456 Capstone Strategic Management in the Global Environment ECO 210 Principles of Microeconomics ECO 211 Principles of Macroeconomics MTH 126 Business Calculus or MTH 151 Calculus I MTH 345 Elementary Statistics A minimum grade of C or better in the business core as well as in a special field major is required for graduation.

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

Business Core Curriculum

A minimum grade of C or better in the business core is required for graduation.

Complete ALL of the following Courses:

- BUS230 - Principles of Marketing
- BUS250 - Management Theory and Practice
- BUS261 - Financial Accounting
- BUS262 - Management Accounting
- BUS271 - Intro to Global Business
- BUS301 - Intro Logistics&SupplyChnMgt
- BUS340 - Business Finance
- BUS456 - Strategic Mgt in the Global Environment
- ECO210 - Principles of Microeconomics
- ECO211 - Principles of Macroeconomics
- MTH126 - Business Calculus
  OR MTH151 - Calculus I
- MTH345 - Elementary Statistics

Bachelor of Science Option
Type
Completion Requirement

Math Requirement

Complete two college-level mathematics courses.

BAD.MBA - Business Administration PT MBA

General

Description
The Master of Business Administration program is designed to provide the knowledge and skills needed to become an effective manager in a variety of organizational settings. It is a broad-based, career advancement degree, rather than technical training for a particular job within an organization.

Outcome
An understanding of the body of knowledge in the functional areas of business

Outcome
The analytical tools for decision making in a business world of complex business issues and problems

Outcome
The organizational skills for the effective implementation of policy in the context of the organization

Outcome
The skills of leadership, teamwork, and supervision

Outcome
Skills of effective oral and written communication, presentation, and critical thinking

Outcome
An understanding of and ability to use technology as a tool of effective management

Outcome
Abilities for ethical decision making

Outcome
The ability to function effectively in a diverse and global environment

Program Information
Two central themes guide the curriculum: 1) analytical skills for decision-making and 2) organizational skills for policy implementation. The theoretical and technical knowledge gained is supported by the integration of traditional liberal arts–related concepts such as ethics, decision-making skills, communication skills, team competencies, negotiation skills, and skills in the use of information technology.

The MBA program is designed for professionals who have completed an undergraduate degree and have three or more years of full-time/part-time work experience or internships. Students entering the MBA program must have completed undergraduate financial reporting analysis and accounting courses. The University offers an online prep course to fulfill the finance and accounting prerequisites.

Transfer Credit

Experiential and portfolio credit cannot be applied to any core requirements or electives in the program. A maximum of two-course transfer credits may be applied to the core or elective requirements upon approval of the MBA program director. Only coursework completed at a grade level of B or better will be considered for transfer credit. For coursework to be considered for transfer, it must be at the graduate level. Graduate students who have completed courses in an Elmhurst University graduate program as non-degree students will be allowed to apply those courses to a graduate program in the Department of Business and Economics upon acceptance as a degree-seeking student and approval of the program director. The program director will determine waivers and substitutions for undergraduate prerequisite courses.

Program Length: 7.50 credits (30 semester hours)

FACULTY
Lawrence Brown - Program Director

Requirements

Simple Requisites

Program Requirements
Type
Completion Requirement

MBA Core Courses

Complete ALL of the following Courses:

- MBA500 - Organizational Management
- MBA501 - Financial & Managerial Accounting
- MBA502 - Analytical Tools for Management Decision
- MBA503 - Marketing Management
- MBA504 - Financial Management
- MBA505 - Strat for Creating a Competitive Advanta

Areas of Specialization
Type
Completion Requirement

Masters Information Technology

Complete ALL of the following Courses:

- MIT510 - DatabaseMgt&DataWarehousing
- MIT543 - Web Application Development
  OR MIT545 - MobileApplicationDevelopment
- MIT561 - Computer Network I
- MIT567 - Cloud Computing

Management of People (Industrial/Organizational Psychology)

This specialization combines courses from the Master of Arts in Industrial/Organizational Psychology and the Department of Business. Students wishing to specialize in Management of People need a prerequisite equivalent to PSY 210 Introduction to Psychological Science, as well as one year in the MBA program and the joint approval of the director of the industrial/organizational psychology master's program and the MBA program.

Complete ALL of the following Courses:

- PSY501 - FoundationsInd/Org Psychology
- PSY517 - Small Group Theory and Process
- PSY530 - Organizational Theory
- PSY531 - Organizational Development

- PSY539 - Work Motivation
- PSY540 - Adv Topics in Industrial/Org Psychology

Finance

Complete at least 4 of the following courses:

- MBA541 - Corporate Finance
- MBA542 - Investment Theory & Portfolio Management
- MBA545 - Financial Statements Analysis
- MBA508 - Special Topics:
- MBA509 - Project Management

Marketing and Consumer Insights

Complete ALL of the following Courses:

- MBA583 - PrincipleMarketingInsight&Analysis
- MBA584 - Social/Digital Media
- MBA585 - Mkt Strategy&Rsrch Practcm I

Project Management

Complete ALL of the following Courses:

- MBA509 - Project Management
- MPM501 - ProjctMgt Fundmntls Prac I
- MPM502 - PrjctMgt Fundmntls Prac II
- MPM503 - AI & Other Tools & Techniques for PM

Supply Chain Management (SCM)

Students may select an approved four of the following three semester-hour "sets" of courses at the graduate level.

Complete at least 4 of the following:

Set 1

Complete ALL of the following Courses:

- SCM512 - Outsrc Dec: Select 3rd Party Logst Firm
- SCM513 - Forecasting in the Supply Chain

OR

Set 2

Complete ALL of the following Courses:

- SCM550 - Transportation Management Strategies
- SCM554 - Inventory Strategies

OR

Set 3

Complete ALL of the following Courses:

- SCM521 - Inbound Logistics Strategies
- SCM522 - Benchmarking Metrics Supply Chain Mgt

OR

Set 4

Complete ALL of the following Courses:

- SCM560 - E-Commerce and the Supply Chain
- SCM561 - Customer Relationships

OR

Set 5

Complete ALL of the following Courses:

- SCM530 - Supplier Certif in the Supply Chain
- SCM531 - Manufacture Decisions

OR

Set 6

Complete ALL of the following Courses:

- SCM532 - Supply Chain Research & Analysis Techniq
- SCM533 - Global Logistics Networks

OR

Set 7

Complete ALL of the following Courses:

- SCM541 - Warehouse Management Strategies
- SCM542 - Quality Process Management

**Sets 3 and 4 cannot be taken concurrently*

Managerial Leadership

Complete ALL of the following Courses:

- MBA552 - Leadership
- MBA555 - Negotiations
- MBA553 - Organization Behavior
- MBA550 - Cultural Diversity in Organizations

Health Care Administration

(Online)

Complete ALL of the following Courses:

- HCA502 - Health Care Finance
- HCA506 - Hlth Care Policy,Law,&Ethics

Data Science

(Online)

Complete ALL of the following Courses:

- MDS534 - Introduction to Predictive Modeling
- MDS560 - Advanced Enterprise Analytics
- MDS523 - Data Warehousing
- MDS546 - Methods of Exploratory Data Analysis

General Management

The General Management specialization allows you to choose four master's-level electives across any discipline as long as the total is 3.0 credits.

Additional Comments:
The electives and areas of specialization of the MBA have been developed in cooperation with other graduate programs at the University and new and existing courses in the Department of Business and Economics. The choice of an area of specialization must be approved by the program director.

BAD.MBA(FT) - Business Administration FT MBA

General

Description
The Master of Business Administration program is designed to provide the knowledge and skills needed to become an effective manager in a variety of organizational settings. It is a broad-based, career advancement degree, rather than technical training for a particular job within an organization. FT MBA: Most of the classes are offered online, but can be customized. Practical work experience, such as an internship or practicum, is recommended for all students in the program who are not currently employed. The purpose of the internship/ practicum is to help the student become familiar with the applications and practices in the field of study.

Outcome
An understanding of the body of knowledge in the functional areas of business

Outcome
The analytical tools for decision making in a business world of complex business issues and problems

Outcome
The organizational skills for the effective implementation of policy in the context of the organization

Outcome
The skills of leadership, teamwork, and supervision

Outcome
Skills of effective oral and written communication, presentation, and critical thinking

Outcome
An understanding of and ability to use technology as a tool of effective management

Outcome
Abilities for ethical decision making

Outcome
The ability to function effectively in a diverse and global environment

Program Information
The curriculum is guided by two central themes: 1) analytical skills for decision making, and 2) organizational skills for policy implementation. The theoretical and technical knowledge gained is supported by the integration of traditional liberal arts–related concepts such as ethics, decision-making skills, communication skills, team competencies, negotiation skills and skill in the use of information technology.

The MBA program is designed for professionals who have completed an undergraduate degree and have three or more years of full-time/part-time work experience or internships. Students entering the MBA program must have completed undergraduate courses in financial reporting analysis and accounting. The University offers an online prep course to fulfill the finance and accounting prerequisites.

Transfer Credit

Experiential and portfolio credit cannot be applied to any core requirements or electives in the program. Typically, a maximum of two course transfer credits may be applied to the core or elective requirements upon approval of the MBA program director. For the Eden Theological Seminary Partnership, a maximum of four course transfer credits may be applied to the elective requirements upon approval of the MBA program director. Only coursework completed at a B or better grade level will be considered for transfer credit. For coursework to be considered for transfer, it must be at the graduate level. Graduate students who have completed courses in an Elmhurst University graduate program as non-degree students will be allowed to apply those courses to a graduate program in the School of Business upon acceptance as a degree-seeking student and approval of the program director. Waivers and substitutions for undergraduate prerequisite courses will be determined by the program director.

Program Length: 7.50 credits (30 semester hours)

FACULTY
Lawrence Brown - Program Director

Requirements

Simple Requisites

Program Requirements
Type
Completion Requirement

MBA Core Courses

Full-time students need to successfully complete 10 required courses (30 semester hours). The sequential nature of the coursework is designed to help the student gain the foundational business knowledge to become effective decision makers. Below is one example of how a fulltime MBA can be structured. The program director will work with the student to develop a plan thatwill most meet their needs for career and personal development.

Complete ALL of the following Courses:

- MBA500 - Organizational Management
- MBA501 - Financial & Managerial Accounting
- MBA502 - Analytical Tools for Management Decision
- MBA503 - Marketing Management
- MBA504 - Financial Management
- MBA505 - Strat for Creating a Competitive Advanta
- MBA509 - Project Management
- MBA520 - Global Business Management
- MBA550 - Cultural Diversity in Organizations
- MBA558 - Leading Change Mgt

Areas of Specialization
Type
Completion Requirement

Masters Information Technology

Complete ALL of the following Courses:

- MIT510 - DatabaseMgt&DataWarehousing
- MIT543 - Web Application Development
  OR MIT545 - MobileApplicationDevelopment
- MIT561 - Computer Network I
- MIT567 - Cloud Computing

Management of People (Industrial/Organizational Psychology)

This specialization combines courses from the Master of Arts in Industrial/ Organizational Psychology and the Department of Business. Students wishing to specialize in Management of People need a prerequisite equivalent to PSY 210 Introduction to Psychological Science, as well as one year in the MBA program and the joint approval of the director of the industrial/organizational psychology master's program and the MBA program.

Complete ALL of the following Courses:

- PSY501 - FoundationsInd/Org Psychology
- PSY517 - Small Group Theory and Process
- PSY530 - Organizational Theory
- PSY531 - Organizational Development
- PSY539 - Work Motivation
- PSY540 - Adv Topics in Industrial/Org Psychology

Finance

Complete at least 4 of the following courses:

- MBA541 - Corporate Finance
- MBA542 - Investment Theory & Portfolio Management
- MBA545 - Financial Statements Analysis
- MBA508 - Special Topics:
- MBA509 - Project Management

Marketing and Consumer Insights

Complete ALL of the following Courses:

- MBA583 - PrincipleMarketingInsight&Analysis
- MBA585 - Mkt Strategy&Rsrch Practcm I
- MBA585 - Mkt Strategy&Rsrch Practcm I
- MBA586 - Mkt Strategy&Rsrch Practcm 2

Program Management

Complete ALL of the following Courses:

- MBA509 - Project Management
- MPM501 - ProjctMgt Fundmntls Prac I
- MPM502 - PrjctMgt Fundmntls Prac II
- MPM503 - AI & Other Tools & Techniques for PM

Supply Chain Management (SCM)

Students may select an approved four of the following three semester-hour "sets" of courses at the graduate level.

Complete at least 4 of the following:

Set 1

Complete ALL of the following Courses:

- SCM512 - Outsrc Dec: Select 3rd Party Logst Firm
- SCM513 - Forecasting in the Supply Chain

OR

Set 2

Complete ALL of the following Courses:

- SCM550 - Transportation Management Strategies
- SCM554 - Inventory Strategies

OR

Set 3

Complete ALL of the following Courses:

- SCM521 - Inbound Logistics Strategies
- SCM522 - Benchmarking Metrics Supply Chain Mgt

OR

Set 4

Complete ALL of the following Courses:

- SCM560 - E-Commerce and the Supply Chain
- SCM561 - Customer Relationships

OR

Set 5

Complete ALL of the following Courses:

- SCM530 - Supplier Certif in the Supply Chain
- SCM531 - Manufacture Decisions

OR

Set 6

Complete ALL of the following Courses:

- SCM532 - Supply Chain Research & Analysis Techniq
- SCM533 - Global Logistics Networks

OR

Set 7

Complete ALL of the following Courses:

- SCM541 - Warehouse Management Strategies
- SCM542 - Quality Process Management

*Sets 3 and 4 cannot be taken concurrently

Managerial Leadership

Complete ALL of the following Courses:

- MBA552 - Leadership
- MBA555 - Negotiations
- MBA553 - Organization Behavior
- MBA550 - Cultural Diversity in Organizations

Health Care Administration

(Online)

Complete ALL of the following Courses:

- HCA502 - Health Care Finance
- HCA506 - Hlth Care Policy,Law,&Ethics

Data Science

(Online)

Complete ALL of the following Courses:

- MDS534 - Introduction to Predictive Modeling
- MDS560 - Advanced Enterprise Analytics
- MDS523 - Data Warehousing
- MDS546 - Methods of Exploratory Data Analysis

General Management

The General Management specialization allows you to choose four master's-level electives across any discipline as long as the total is 3.0 credits.

Additional Comments:
The electives and areas of specialization of the MBA have been developed in cooperation with other graduate programs at the University and new and existing courses in the Department of Business and Economics. The choice of an area of specialization must be approved by the program director.

BAD.MIN - Business Administration Minor

General

Requirements

Simple Requisites

Minor Requirements
Type
Completion Requirement

Business Administration

Complete ALL of the following Courses:

- BUS230 - Principles of Marketing
- BUS250 - Management Theory and Practice
- BUS263 - Acc & Financial Mgt for Non-Bus Majors
- ECO210 - Principles of Microeconomics
- ECO211 - Principles of Macroeconomics

A minimum grade of C or better is required in all courses taken for a minor in business administration.

BADA.BS - Business Administration BS to MBA

General

Description
This pathway leverages the existing School of Business core curriculum and the existing one-year FullTime MBA program. This pathway is open to incoming full-time students admitted into the School of Business and with a GPA of 3.0 or higher. Students complete their undergraduate business degree in 3 ½ years with their final undergraduate semester reserved for a full-time internship. This internship provides students with work experience that can be leveraged in the MBA courses. At the MBA level, general management is the only major option within this pathway.

Outcome
The student has a basic knowledge of the content of functional areas of business.

Outcome
The student is able to interpret numerical data and solve problems using quantitative methods.

Outcome
The student is able to leverage existing digital technologies ethically and efficiently to solve problems, complete tasks, and accomplish goals. The student also demonstrates effective adaptability to new and emerging technologies.

Outcome
The student is able to demonstrate sound reasoning to analyze issues, make decisions, and overcome problems. To do so the student is able to obtain, interpret, and use knowledge, facts, and data and may demonstrate originality and inventiveness.

Outcome
The student is able to effectively and articulate thoughts and ideas in written, oral forms to persons inside and outside of the organization individually and in teams.

Outcome
The student demonstrates personal accountability and effective work habits. Also, the student understands the role of integrity and ethical behavior relative to the larger community.

Outcome
The student demonstrates openness and the willingness to value, respect, and learn from diverse cultures, races, ages, genders, sexual orientations, and religions.

Outcome
The student is able to work within a team structure, build collaborative relationships with diverse individuals, leverage other individual's strengths, and manage conflict.

Outcome
The student is able to leverage the strengths of others to achieve common goals and use interpersonal skills to coach and develop others.

Outcome
The student is able to explore job options, understands and can take steps necessary to pursue opportunities, and understands how to self-advocate for opportunities in the workplace.

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

Business Core Curriculum

A minimum grade of C or better in the business core is required for graduation.

Complete ALL of the following Courses:
- BUS230 - Principles of Marketing
- BUS250 - Management Theory and Practice
- BUS261 - Financial Accounting
- BUS262 - Management Accounting
- BUS271 - Intro to Global Business
- BUS301 - Intro Logistics&SupplyChnMgt
- BUS340 - Business Finance
- BUS456 - Strategic Mgt in the Global Environment
- ECO210 - Principles of Microeconomics
- ECO211 - Principles of Macroeconomics
- MTH126 - Business Calculus
  OR MTH151 - Calculus I
- MTH345 - Elementary Statistics
- BUS468 - Internship

Bachelor of Science Option
Type
Completion Requirement

Math Requirement

Complete two college-level mathematics courses.

BCH.BS - Biochemistry BS

General

Description
This interdisciplinary course of study serves those students intending to pursue careers in biochemistry, pharmacy, human and veterinary medicine, food and agricultural chemistry, and medical technology, as well as numerous other professional health-related areas.

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

Biochemistry Major

Complete ALL of the following Courses:
- CHM211 - Chemical Principles I
  AND CHM212 - Chemical Principles II
- CHM221 - Analytical Chemistry
- CHM311 - Organic Chemistry I
  AND CHM312 - Organic Chemistry II
- CHM316 - Intermediate Biochemistry
- CHM412 - Physical Chm:Quant Mech/Spec
- CHM413 - PhysiclChm:Therm,Kin&StatMec
- CHM420 - Chem Instrumnt I:Chromatographic&Spectr
- CHM494 - Independent Research
- **AND**
- CHM497 - Chem Literature Seminar I
  AND
- MTH151 - Calculus I
  AND MTH152 - Calculus II
- PHY121 - General Physics I
  AND PHY122 - General Physics II
- BIO200 - General Biology I
  AND BIO201 - General Biology II
- BIO315 - Genetics

CHM220 Advanced Chemical Principles can replace CHM 211 and 212 (or equivalent).

BIO 315 Genetics can be replaced by BIO107 and BIO108.

Electives
Type
Completion Requirement

Recommended Additional Courses

Complete ANY of the following Courses:
Depending on your career goals, faculty will assist you in selecting classes to enhance your education. Common suggestions include: prerequisite courses for professional programs, math classes beyond MTH 152 Calculus II, CS 220 Computer Science, BIO 413 Molecular Genetics.

BIA.BS - Business Intelligence & Analytics BS

General

Description
Business intelligence is an increasingly important set of strategies and techniques used to help enterprises make strategic and operating decisions. The proposed program would emphasize the development of analytical and quantitative techniques for students by providing an education of how to analyze data in a business setting and use the various tools and techniques required to conduct this type of analysis.

Outcome
The student is able to interpret numerical data and solve problems using quantitative methods

Outcome
The student is able to leverage existing digital technologies ethically and efficiently to solve problems, complete tasks, and accomplish goals. The student is also able to effectively adapt to new and emergent technologies.

Outcome
The student is able to demonstrate sound reasoning to analyze issues, make decisions, and overcome problems. To do so, the student is able to obtain, interpret, and use knowledge, facts, and data and may demonstrate originality and inventiveness.

Outcome
The student is able to effectively articulate thoughts and ideas in written and oral forms to persons inside and outside of the organization, both individually and in teams

Requirements

Simple Requisites

Business Core
Type
Completion Requirement

Business Core

Complete ALL of the following Course Sets:
- Business Core

Required Courses
Type
Completion Requirement

Complete ALL of the following Courses:
- BUS320 - Survey of Business Analytics
- ECO418 - Adv Statistics/Econometrics

Electives
Type
Completion Requirement

Earn at least 3 credits from the following:
- BUS310 - BusinessAnalysisUse MS Excel
- BUS325 - Microsoft Excel With Power Query
- BUS326 - Introduction to SQL
- BUS327 - Data Visualization with Power BI
- BUS328 - Introduction to Analytics with R
- IS380 - Foundations of Data Science with Python
- IS423 - Data Base Management Systems
- CS146 - Intro to Visual Analytics
- CS150 - Introduction to Programming in Python
  OR CS220 - Computer Science I

BIO.BA - Biology BA

General

Description
The Major in Biology is dedicated to developing broadly educated biologists who are prepared to ask informed questions about nature and obtain meaningful answers across all levels of organizations. Through mentoring our students in the core biological concepts and competencies, and by modeling the behavior of scholarship, we cultivate investigators and prepare scholars for their personal paths toward careers as biology educators, research scientists, health care professionals, and many other professions. The department advocates for an anti-racist and nondiscriminatory environment that supports an academic program focused on removing barriers to access and inclusion and promoting the success of all students regardless of visible and non-visible differences.

Outcome
Explain and apply the core biological concepts including energy and matter, structure and function, information flow, systems, and evolution

Outcome
Articulate an understanding of the core competencies including the process of science, quantitative reasoning, and modeling and simulation of biological phenomena

Outcome
Demonstrate biology's interdisciplinary nature which requires communication and collaboration

Outcome
Recognize the ethical, historical, societal, and legal implications of biology

Outcome
Recognize that diverse perspectives and ideas enhance biological investigation and broaden scientific knowledge

Program Information
The major in biology requires a course of study that includes classes in biological science, physical science and mathematics. All students must earn a minimum grade of C- and maintain a minimum GPA of 2.00 across all courses that are required for the major in order to successfully complete the degree.

Biology students are allowed to repeat any major-required course taken at Elmhurst University in which they received a grade of D, F, P, NP, W or Audit no more than one time for each course.

Biology majors must complete four required core biology courses. Students in the major must also complete five elective courses at the 300/400 level. At least one elective must be chosen from each of the following categories and courses may count for more than one category:

- Evolution
- Information Flow
- Structure/Function
- Systems
- Transformation of Energy and Matter

Once all five categories are fulfilled, remaining electives are chosen at the discretion of the student after meeting with an academic advisor. Note: Students may count BIO 352/452 Special Topics in Biology as no more than one of the 300/400-level biology electives required for completion of the degree. (See department chair for requirements.) Students may also be eligible to count two terms of Independent Research (BIO 492 or BIO 495) as a single upper-level elective (see department chair for requirements).

Upper-Level Courses

It may be possible to customize the upper-level course sequence to better align with specific post-graduate goals including graduate and professional school. These courses are taken after completion of the required biology core sequence of BIO 200, 201 and 315. The recommended sequence varies depending on the specific area of post-graduate study that you intend to pursue. Courses should be chosen in consultation with a biology faculty advisor.

Graduate Preparation

Students intending to pursue graduate school at the M.S. or Ph.D. level should create a course plan that provides for breadth of content and lab skills. It is recommended that the course plan include a class that emphasizes molecular techniques, a class in physiology and a class in large-scale biology. In addition, students should complete at least one semester of independent research or research with a faculty mentor. The course plan should also include MTH 151 Calculus, PHY 111/112 Introductory Physics, CHM311/312, CHM 315/316 Biochemistry and courses in computer science (recommended).

Medical Laboratory Science Track with Biology Major

The Biology Department has a track for students interested in medical laboratory science (MLS—formerly known as medical technology and clinical laboratory science). The University is partnered with two hospitals to provide training for this particular field, Hines VA Hospital and NorthShore University Health System. Admission is not guaranteed to any affiliate partner by virtue of acceptance to Elmhurst University or declaring the biology major. Students must apply for these tracks as per the guidelines of the hospital. Also, students must recognize the length of each track varies and may require summer courses. Additional tuition costs and fees may apply.

The courses for the major and these particular tracks are listed below. Students accepted to an MLS affiliate will attend the hospital during senior year for the MLS courses. These courses will fulfill two upper-level biology electives for the major and elective credit toward graduation requirements. Accepted students will need to successfully complete all general education requirements, core courses required for the biology major, the biology capstone, and three upper-level biology electives in the three required categories prior to beginning at the hospital. Students on the MLS track must successfully complete prerequisite courses to be eligible to apply. These courses include, but are not limited to, microbiology and immunology. A minimum of 24 credits must be earned prior to matriculating to an affiliate partner for the MLS track. Students who are accepted and successfully complete the MLS track at an affiliate partner will earn a bachelor's degree in biology from Elmhurst University and be eligible to sit for the MLS certifying examination. All affiliate partners and requirements are subject to change.

Students must earn a minimum grade of C- and maintain a minimum GPA of 2.00 across all courses that are required for the major in order to successfully complete the degree. Biology majors are allowed to repeat any major-required course taken at Elmhurst University in which they received a grade of C-, D, F, P, NP or W no more than one time for each course. To be eligible to apply for these tracks, the affiliate partners may require specific grades in individual courses and a minimum GPA that may vary from the minimum that the Biology Department requires for the major. Students are responsible for working with their faculty advisor and the health professions advisor to determine eligibility to apply and any additional requirements for the MLS track. Transfer credit is limited for the MLS track. Transfer students or other students with transfer credit should speak with both advisors to determine if they are eligible. Additional information about the affiliate tracks can be found on the website at elmhurst.edu/hpa.

Any student accepted into an affiliate partner must successfully complete the required courses to earn the certificate from the affiliate partner. Should a student not earn the certificate, they must complete the remaining biology upper-level electives and general electives needed to graduate. These must be completed at Elmhurst University. This could be up to two upper-level biology courses and six credits of general electives.

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

Core Biology Courses

All students must earn a minimum grade of C- and maintain a minimum GPA of 2.00 across all courses that are required for the major in order to successfully complete the degree.

Biology students are allowed to repeat any major-required course taken at Elmhurst University in which they received a grade of D, F, P, NP, W or Audit no more than one time for each course.

Complete ALL of the following Courses:

- BIO200 - General Biology I
- BIO201 - General Biology II
- BIO315 - Genetics
- BIO498 - Capstone Seminar

Evolution

Complete at least 1 of the following courses:

- BIO330 - Comparative Chordate Anatomy
- BIO333 - Paleontology
- BIO334 - Invertebrate Zoology
- BIO335 - General Botany
- BIO351 - Conservation Biology
- BIO355 - Evolution of Vertebrates
- BIO356 - Evolution & Population Genetics
- BIO410 - Bioinformatics
- BIO430 - Principles of Anatomy
- BIO450 - Environmental Physiology
- BIO451 - Microbial Ecology
- BIO453 - Systematics & Phylogenetics

Information Flow

Complete at least 1 of the following courses:

- BIO331 - Developmental Biology
- BIO341 - Immunology
- BIO342 - Molecular&CellularBioCancer
- BIO356 - Evolution & Population Genetics
- BIO410 - Bioinformatics
- BIO413 - Molecular Genetics
- BIO441 - Plant Physiology
- BIO442 - Principles of Physiology
- BIO444 - Neurobiology
- BIO445 - Stem Cell Biology
- BIO453 - Systematics & Phylogenetics

Structure/Function

Complete at least 1 of the following courses:

- BIO321 - General Microbiology
- BIO330 - Comparative Chordate Anatomy
- BIO331 - Developmental Biology
- BIO332 - Plant Anatomy and Morphology
- BIO333 - Paleontology
- BIO334 - Invertebrate Zoology
- BIO335 - General Botany
- BIO341 - Immunology
- BIO342 - Molecular&CellularBioCancer
- BIO430 - Principles of Anatomy
- BIO441 - Plant Physiology
- BIO443 - Advanced Cell Physiology
- BIO450 - Environmental Physiology
- BIO455 - Winter Biology

Systems

Complete at least 1 of the following courses:

- BIO330 - Comparative Chordate Anatomy
- BIO331 - Developmental Biology
- BIO332 - Plant Anatomy and Morphology
- BIO334 - Invertebrate Zoology
- BIO341 - Immunology
- BIO350 - General Ecology
- BIO351 - Conservation Biology
- BIO355 - Evolution of Vertebrates
- BIO413 - Molecular Genetics
- BIO442 - Principles of Physiology
- BIO443 - Advanced Cell Physiology
- BIO444 - Neurobiology
- BIO445 - Stem Cell Biology
- BIO454 - Aquatic Biology

Transformation of Energy and Matter

Complete at least 1 of the following courses:

- BIO321 - General Microbiology
- BIO333 - Paleontology
- BIO350 - General Ecology
- BIO355 - Evolution of Vertebrates
- BIO441 - Plant Physiology
- BIO442 - Principles of Physiology
- BIO450 - Environmental Physiology
- BIO451 - Microbial Ecology
- BIO454 - Aquatic Biology
- BIO455 - Winter Biology

Bachelor of Arts Option
Type
Completion Requirement

Complete ALL of the following Courses:

- CHM211 - Chemical Principles I
  OR CHM101 - General Chemistry
- CHM212 - Chemical Principles II
  OR CHM103 - Elem Organic & Biochemistry
- MTH132 - Precalculus
  OR MTH151 - Calculus I
- MTH345 - Elementary Statistics
  OR MTH346 - Statistics for Scientists
  OR PSY355 - Statistics for Scientific Research

BIO.BS - Biology BS

General

Description
The Major in Biology is dedicated to developing broadly educated biologists who are prepared to ask informed questions about nature and obtain meaningful answers across all levels of organizations. Through mentoring our students in the core biological concepts and competencies, and by modeling the behavior of scholarship, we cultivate investigators and prepare scholars for their personal paths toward careers as biology educators, research scientists, health care professionals, and many other professions. The department advocates for an anti-racist and nondiscriminatory environment that supports an academic program focused on removing barriers to access and inclusion and promoting the success of all students regardless of visible and non-visible differences.

Outcome
Explain and apply the core biological concepts including energy and matter, structure and function, information flow, systems, and evolution

Outcome
Articulate an understanding of the core competencies including the process of science, quantitative reasoning, and modeling and simulation of biological phenomena

Outcome
Demonstrate biology's interdisciplinary nature which requires communication and collaboration

Outcome
Recognize the ethical, historical, societal, and legal implications of biology

Outcome
Recognize that diverse perspectives and ideas enhance biological investigation and broaden scientific knowledge

Program Information
The major in biology requires a course of study that includes classes in biological science, physical science and mathematics. All students must earn a minimum grade of C- and maintain a minimum GPA of 2.00 across all courses that are required for the major in order to successfully complete the degree.

Biology students are allowed to repeat any major-required course taken at Elmhurst University in which they received a grade of D, F, P, NP, W or Audit no more than one time for each course.

Biology majors must complete four required core biology courses. Students in the major must also complete five elective courses at the 300/400 level. At least one elective must be chosen from each of the following categories and courses may count for more than one category:

- Evolution
- Information Flow
- Structure/Function
- Systems
- Transformation of Energy and Matter

Once all five categories are fulfilled, remaining electives are chosen at the discretion of the student after meeting with an academic advisor. Note: Students may count BIO 352/452 Special Topics in Biology as no more than one of the 300/400-level biology electives required for completion of the degree. (See department chair for requirements.) Students may also be eligible to count two terms of Independent Research (BIO 492 or BIO 495) as a single upper-level elective (see department chair for requirements).

Upper-Level Courses

It may be possible to customize the upper-level course sequence to better align with specific post-graduate goals including graduate and professional school. These courses are taken after completion of the required biology core sequence of BIO 200, 201 and 315. The recommended sequence varies depending on the specific area of post-graduate study that you intend to pursue. Courses should be chosen in consultation with a biology faculty advisor.

Graduate Preparation

Students intending to pursue graduate school at the M.S. or Ph.D. level should create a course plan that provides for breadth of content and lab skills. It is recommended that the course plan include a class that emphasizes molecular techniques, a class in physiology and a class in large-scale biology. In addition, students should complete at least one semester of independent research or research with a faculty mentor. The course plan should also include MTH 151 Calculus, PHY 111/112 Introductory Physics, CHM 315/316 Biochemistry and courses in computer science (recommended).

Professional School Tracks with Biology Major

Students with an interest in continuing their education post-graduation are encouraged to complete a B.S. in Biology. Successful student admissions have been closely tied to completed coursework, GPA, and scores from relevant entrance examinations. Many students pursue a traditional track for graduate or professional schools which would involve completion of a Biology degree and application to the desired program as they near graduation.

In addition, for biology majors interested in careers in medicine, dentistry, optometry, and veterinary medicine, the University has early admission agreements with three schools. Students interested in these tracks will pursue a biology major along with other requirements for these fields (academic and co-curricular). Information about each affiliation and the requirements can be found on the Health Professions Advising website (elmhurst.edu/hpa). In addition, students must meet with their biology faculty advisor and the health professions advisor to discuss all requirements and to determine their eligibility to apply. Some affiliations require specific majors, GPAs, and entrance exam scores. Transfer students are not eligible for the programs listed below, and any transfer or dual credit from high school must be approved by the Biology Department and the health professions advisor. Admission to Elmhurst University does not guarantee admission to an affiliate partner.

- Dentistry: Lake Erie College of Osteopathic Medicine
- Medicine: Lake Erie College of Osteopathic Medicine
- Optometry: Illinois College of Optometry
- Veterinary Medicine: University of Illinois, Urbana-Champaign

Medical Laboratory Science Track with Biology Major

The Biology Department has a track for students interested in medical laboratory science (MLS—formerly known as medical technology and clinical laboratory science). The University is partnered with two hospitals to provide training for this particular field, Hines VA Hospital and NorthShore University Health System. Admission is not guaranteed to any affiliate partner by virtue of acceptance to Elmhurst University or declaring the biology major. Students must apply for these tracks as per the guidelines of the hospital. Also, students must recognize the length of each track varies and may require summer courses. Additional tuition costs and fees may apply.

The courses for the major and these particular tracks are listed below. Students accepted to an MLS affiliate will attend the hospital during senior year for the MLS courses. These courses will fulfill two upper-level biology electives for the major and elective credit toward graduation requirements. Accepted students will need to successfully complete all general education requirements, core courses required for the biology major, the biology capstone, and three upper-level biology electives in the three required categories prior to beginning at the hospital. Students on the MLS track must successfully complete prerequisite courses to be eligible to apply. These courses include, but are not limited to, microbiology and immunology. A minimum of 24 credits must be earned prior to matriculating to an affiliate partner for the MLS track. Students who are accepted and successfully complete the MLS track at an affiliate partner will earn a bachelor's degree in biology from Elmhurst University and be eligible to sit for the MLS certifying examination. All affiliate partners and requirements are subject to change.

Students must earn a minimum grade of C- and maintain a minimum GPA of 2.00 across all courses that are required for the major in order to successfully complete the degree. Biology majors are allowed to repeat any major-required course taken at Elmhurst University in which they received a grade of C-, D, F, P, NP or W no more than one time for each course. To be eligible to apply for these tracks, the affiliate partners may require specific grades in individual courses and a minimum GPA that may vary from the minimum that the Biology Department requires for the major. Students are responsible for working with their faculty advisor and the health professions advisor to determine eligibility to apply and any additional requirements for the MLS track. Transfer credit is limited for the MLS track. Transfer students or other students with transfer credit should speak with both advisors to determine if they are eligible. Additional information about the affiliate tracks can be found on the website at elmhurst.edu/hpa.

Any student accepted into an affiliate partner must successfully complete the required courses to earn the certificate from the affiliate partner. Should a student not earn the certificate, they must complete the remaining biology upper-level electives and general electives needed to graduate. These must be completed at Elmhurst University. This could be up to two upper-level biology courses and six credits of general electives.

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

Core Biology Courses

All students must earn a minimum grade of C- and maintain a minimum GPA of 2.00 across all courses that are required for the major in order to successfully complete the degree.

Biology students are allowed to repeat any major-required course taken at Elmhurst University in which they received a grade of D, F, P, NP, W or Audit no more than one time for each course.

Complete ALL of the following Courses:

- BIO200 - General Biology I
- BIO201 - General Biology II
- BIO315 - Genetics
- BIO498 - Capstone Seminar

Evolution

Complete at least 1 of the following courses:

- BIO330 - Comparative Chordate Anatomy
- BIO333 - Paleontology
- BIO334 - Invertebrate Zoology
- BIO335 - General Botany
- BIO351 - Conservation Biology
- BIO355 - Evolution of Vertebrates
- BIO356 - Evolution & Population Genetics
- BIO410 - Bioinformatics
- BIO430 - Principles of Anatomy
- BIO450 - Environmental Physiology
- BIO451 - Microbial Ecology
- BIO453 - Systematics & Phylogenetics

Information Flow

Complete at least 1 of the following courses:

- BIO331 - Developmental Biology
- BIO341 - Immunology
- BIO342 - Molecular&CellularBioCancer
- BIO356 - Evolution & Population Genetics
- BIO410 - Bioinformatics
- BIO413 - Molecular Genetics
- BIO441 - Plant Physiology
- BIO442 - Principles of Physiology
- BIO444 - Neurobiology
- BIO445 - Stem Cell Biology
- BIO453 - Systematics & Phylogenetics

Structure/Function

Complete at least 1 of the following courses:

- BIO321 - General Microbiology
- BIO330 - Comparative Chordate Anatomy
- BIO331 - Developmental Biology
- BIO332 - Plant Anatomy and Morphology
- BIO333 - Paleontology
- BIO334 - Invertebrate Zoology
- BIO335 - General Botany
- BIO341 - Immunology
- BIO342 - Molecular&CellularBioCancer
- BIO430 - Principles of Anatomy
- BIO441 - Plant Physiology
- BIO443 - Advanced Cell Physiology
- BIO450 - Environmental Physiology
- BIO455 - Winter Biology

Systems

Complete at least 1 of the following courses:

- BIO330 - Comparative Chordate Anatomy
- BIO331 - Developmental Biology
- BIO332 - Plant Anatomy and Morphology
- BIO334 - Invertebrate Zoology
- BIO341 - Immunology
- BIO350 - General Ecology
- BIO351 - Conservation Biology
- BIO355 - Evolution of Vertebrates
- BIO413 - Molecular Genetics
- BIO442 - Principles of Physiology
- BIO443 - Advanced Cell Physiology
- BIO444 - Neurobiology
- BIO445 - Stem Cell Biology
- BIO454 - Aquatic Biology

Transformation of Energy and Matter

Complete at least 1 of the following courses:

- BIO321 - General Microbiology
- BIO333 - Paleontology
- BIO350 - General Ecology
- BIO355 - Evolution of Vertebrates
- BIO441 - Plant Physiology
- BIO442 - Principles of Physiology
- BIO450 - Environmental Physiology
- BIO451 - Microbial Ecology
- BIO454 - Aquatic Biology
- BIO455 - Winter Biology

Bachelor of Science Option
Type
Completion Requirement

Chemistry and Math/Statistics Requirement

Complete ALL of the following Courses:

- CHM211 - Chemical Principles I
- CHM212 - Chemical Principles II
- CHM311 - Organic Chemistry I
- CHM312 - Organic Chemistry II
- MTH151 - Calculus I
  OR MTH152 - Calculus II
- MTH345 - Elementary Statistics
  OR MTH346 - Statistics for Scientists
  OR PSY355 - Statistics for Scientific Research

Physics Requirement

Complete at least 2 of the following courses:

- PHY111 - Introductory Physics I
  AND PHY112 - Introductory Physics II
- PHY121 - General Physics I
  AND PHY122 - General Physics II

(Either PHY111 and PHY112 -OR- PHY121 and PHY122)

BIO.BS(OPT) - Biology OPT BS

General

Description
The major in biology requires a course of study that includes classes in biological science, physical science and mathematics. All students must earn a minimum grade of C- and maintain a minimum GPA of 2.00 across all courses that are required for the major in order to successfully complete the degree. Biology students are allowed to repeat any major-required course taken at Elmhurst University in which they received a grade of C-, D, F, P, NP, W or Audit no more than one time for each course.

Requirements

BIO.MIN - Biology Minor

General

Description
The minor in biology consists of five courses with a grade of C- or better in each course.

Requirements

Simple Requisites

Minor Requirements
Type
Completion Requirement

Biology Courses

Fulfill ALL of the following requirements:

Required

Complete ALL of the following Courses:

- BIO200 - General Biology I
- BIO201 - General Biology II

AND

Electives

Complete three electives at the 300/400 level
BIO 100, 104, 105, 107, 108, 221, 300, 301 and 449 may not be applied toward the minor. One year of chemistry (CHM 101 and CHM 103, or CHM 211 and CHM 212) is also recommended.

At least three of the five courses must be taken at Elmhurst University.

BIOIN.BS - Bioinformatics BS

General

Description
The Major in Bioinformatics provides an opportunity for students to focus their studies on the interdisciplinary connections between biology, computer science, and mathematics, preparing them for careers in health care, graduate work, industry, and technology. Students will obtain a strong foundation in core life and natural sciences, complemented with courses in mathematics and computer science, to provide broad collaborative training across fields, allowing students to be prepared for future careers and keeping up with the forefront of the biological sciences.

Outcome
Explain and apply the core concepts of energy and matter, structure and function, information flow, systems, and evolution specific to biological data and the processes that generate that data

Outcome
Articulate an understanding of the core competencies including the process of science, quantitative reasoning, and modeling and simulation of biological phenomena in the context of DNA and protein sequences, protein structure, and other forms of biological data

Outcome
Demonstrate bioinformatics' interdisciplinary nature which requires communication and collaboration

Outcome
Recognize the ethical, historical, societal, and legal implications of biological data

Outcome
Recognize that diverse perspectives and ideas enhance bioinformatics investigation and broaden scientific knowledge

Program Information
The major in bioinformatics requires a course of study that includes classes in biological science, physical science, mathematics, and computer science. All students must earn a minimum grade of C- and maintain a minimum GPA of 2.00 across all courses that are required for the major in order to successfully complete the degree.

Bioinformatics students are allowed to repeat any major-required course taken at Elmhurst University in which they received a grade of D, F, P, NP, W or Audit no more than one time for each course.

Bioinformatics majors must complete courses in the Biology Core, Bioinformatics Core plus two elective biology courses at the 300/400 level (see Requirements for additional information)

Requirements

Simple Requisites

The Integrated Curriculum
Type
Completion Requirement

Major Requirements
Type
Completion Requirement

Core Biology Courses

All students must earn a minimum grade of C- and maintain a minimum GPA of 2.00 across all courses that are required for the major in order to successfully complete the degree.

Bioinformatics students are allowed to repeat any major-required course taken at Elmhurst University in which they received a grade of D, F, P, NP, W or Audit no more than one time for each course.

Complete ALL of the following Courses:

- BIO200 - General Biology I
- BIO201 - General Biology II
- BIO315 - Genetics
- BIO498 - Capstone Seminar
- CHM211 - Chemical Principles I
- CHM212 - Chemical Principles II
- MTH151 - Calculus I
- PSY355 - Statistics for Scientific Research
  OR MTH345 - Elementary Statistics
  OR MTH346 - Statistics for Scientists

Bioinformatics Core

Complete ALL of the following Courses:

- BIO410 - Bioinformatics
- CS220 - Computer Science I
- MTH301 - Discrete Mathematics
- CS302 - DiscreteMathII:Struct&Algorit
- CS205 - LINUX

Biology Electives

Complete at least 2 of the following courses:

- BIO331 - Developmental Biology
- BIO341 - Immunology
- BIO342 - Molecular&CellularBioCancer
- BIO351 - Conservation Biology
- BIO355 - Evolution of Vertebrates
- BIO356 - Evolution & Population Genetics
- BIO413 - Molecular Genetics
- BIO444 - Neurobiology
- BIO453 - Systematics & Phylogenetics

Electives
Type
Completion Requirement

BIOIN.MIN - Bioinformatics Minor

General

Description
The minor in Bioinformatics consists of six courses with a grade of C- or better in each course.

Requirements

Simple Requisites

Minor Requirements
Type
Completion Requirement

Bioinformatics Courses

Complete ALL of the following Courses:

- BIO200 - General Biology I
- BIO201 - General Biology II
- BIO315 - Genetics
- BIO410 - Bioinformatics
- CS220 - Computer Science I
- CS205 - LINUX

BLS - Liberal Studies BLS

General

Description
The Bachelor of Liberal Studies degree is an interdisciplinary degree that offers students the ability to combine two areas of study to reflect their personal interests and career goals. This degree also provides returning students with prior college credits a flexible path to graduation that accommodates experiences across multiple fields.

Students' major requirements in liberal studies are fulfilled when they complete two concentrations and a capstone, according to requirements outlined below. All other graduation requirements from Elmhurst University remain unchanged. A wide variety of concentrations are available for selection by the student wishing to complete a Bachelor of Liberal Studies degree. Students must have sophomore standing or above to declare the liberal studies major.

Outcome
Demonstrate the ability to think critically across multiple disciplines.

Outcome
Communicate clearly in both written and oral formats across various contexts and disciplines.

Outcome
Integrate knowledge and methods from different fields to develop a well-rounded understanding of complex topics.

Requirements

Simple Requisites

Concentration Options

Type
Completion Requirement

Art

A concentration in art consists of five art courses: a minimum of one lecture course and two courses at the 300/400 level, with no more than two courses from outside Elmhurst University.

Biology

Five courses are required for a concentration in biology. One 100-level course may be applied to the concentration. This could be BIO 100 for students who have no previous college biology. BIO 200 and BIO 201 are required. Two 300/400-level biology courses are required.

With the help of a biology advisor, the five-course sequence will be planned based upon individual interests. Emphasis on botany, zoology, molecular biology or ecology is possible for a concentration. For example, an ecology track might include: BIO 200 General Biology I, BIO 201 General Biology II, BIO 315 Genetics, BIO 355 Evolution of Vertebrates and BIO 350 General Ecology.

Business and Economics

Complete ALL of the following Courses:

- BUS230 - Principles of Marketing
- BUS250 - Management Theory and Practice
- BUS263 - Acc & Financial Mgt for Non-Bus Majors
- BUS354 - Human Resource Management
- BUS453 - Organization Behavior
- BUS350 - Cultural Diversity in Org
  OR BUS355 - Negotiations: Theory & Practice
  OR BUS454 - Leadership

Two additional 300/400-level courses selected in consultation with the chair of the Department of Business and Economics

Chemistry and Biochemistry

Complete ALL of the following Courses:

- CHM101 - General Chemistry
  OR CHM211 - Chemical Principles I
- CHM212 - Chemical Principles II
- CHM311 - Organic Chemistry I
- CHM312 - Organic Chemistry II

Plus two (2.0) course credits of chemistry electives at the 200, 300 or 400 level.

*CHM 220 can replace CHM 211/212 for qualified students. A cumulative GPA of 2.0 for CHM classes must also be met.

Communication

Complete ALL of the following Courses:

- COM114 - Interpersonal Communication
- COM316 - Communication Theory

Plus three courses from Communication

Database Programming

Complete ALL of the following Courses:

- CS220 - Computer Science I
- CS255 - Computer Science II
- IS224 - Visual C# ProgrammingLanguage
- IS423 - Data Base Management Systems

Hardware Programming

Complete ALL of the following Courses:

- CS220 - Computer Science I
- CS310 - Computer Organization & Prog in Assembly
- CS360 - Computer Network Systems
- CS440 - Web Based Applications

Management Information Systems

Complete ALL of the following Courses:

- BUS230 - Principles of Marketing
- BUS263 - Acc & Financial Mgt for Non-Bus Majors
- IS425 - Management Information Systems
- MTH345 - Elementary Statistics

Software Engineering

Complete ALL of the following Courses:

- CS220 - Computer Science I
- CS255 - Computer Science II
- CS318 - Obj-Oriented Design & Program Using C++
- CS320 - Data Structures & Algorithmic
- CS420 - Operating Systems
- CS475 - Software Engineering

System Analysis and Design

Complete ALL of the following Courses:

- BUS263 - Acc & Financial Mgt for Non-Bus Majors
- IS424 - Intro System Analysis & Design
- IS425 - Management Information Systems
- MTH126 - Business Calculus

Technical/Scientific Programming

Complete ALL of the following Courses:

- CS220 - Computer Science I
- CS255 - Computer Science II
- CS315 - Web Design & Development
- MTH151 - Calculus I
- MTH152 - Calculus II

Web Development

Complete ALL of the following Courses:

- CS220 - Computer Science I
- CS315 - Web Design & Development
- CS419 - JAVA Programming & Web Development
- CS440 - Web Based Applications

Criminal Justice

Complete ALL of the following Courses:

- CJ100 - Intro Criminal Justice System
- CJ210 - Policing and Society
- CJ215 - Corrections:Theory&Practice
- CJ308 - Theories of Criminology
- CJ319 - Juvenile Delinquency & Justice System
- CJ411 - Criminal Law and Procedure

Literature

This concentration includes five courses in English above the 100 level, at least four of which must be in literature. All but one of the literature courses must be completed at the 300/400 level. At least three of the courses need to be completed at Elmhurst University.

This structure allows for a general approach to literature. However, through advising and subject to availability of courses, students may also pursue a more specialized concentration in an area such as American, British or contemporary literature.

Writing

This concentration includes five courses in English above the 100 level, at least four of which must be writing courses at the intermediate or advanced level. The writing concentration must include English 201 or equivalent. At least three of the courses need to be completed at Elmhurst University.

This structure allows for a general approach to writing. However, through advising and subject to availability of courses, students may also pursue a more specialized concentration in an area such as journalism, professional writing or creative writing.

Environmental Studies

Fulfill ALL of the following requirements:

3 Credits

Complete ALL of the following Courses:

- ES100 - Intro to EnvironmentalStudies
- ES200 - Environmental Science I
- ES201 - Environmental Science II

AND

2 Credits

Complete at least 2 of the following courses:

- ES310 - Environmental Science & Health
- ES320 - Sustainable Urban Development
  OR URB320 - Sustainable Urban Development
- ES350 - Special Topics Environmental Studies
- PHL312 - Environmental Ethics
- COM327 - Environmental Communication
- HIS354 - U.S. Environmental History
- POL365 - Environmntl Politics&Policy
- ES410 - Environmental Law
  OR POL410 - Environmental Law

History

Four courses in consultation with the history department chair. Two of the four courses must be at the 300/400 level.

Health

Complete ALL of the following Courses:

- KIN200 - Lifestyle for Health & Wellness
- PE240 - Community Health
- KIN250 - Substance Use & Abuse in Society
- KIN306 - Nutrition
- PE346 - Human Sexuality
- PE360 - Contemporary Concepts in Health

Philosophy

Complete ALL of the following Courses:

- PHL210 - Introduction to Philosophy
- PHL303 - Ancient Philosophy
- PHL304 - Modern Philosophy

PHL 306 Ethics or PHL 405 Contemporary Philosophy is highly recommended.

Political Science

Five courses are required for a concentration in political science. Students must take POL 201 American Federal Government and an additional four courses at the 300/400 level, including one each from American politics, world politics and political thought.

Psychology

The concentration in Psychology requires 5 courses: PSY 210 Introduction to Psychological Science and four 300/400 level courses (excluding, 349, 368).

It is recommended, but not required, that students take one course from each of the Psychology major's core areas (developmental, cognitive/ biological processes, sociocultural or maladaptive; see our major description in the catalog for full list of course options). Only one developmental course (PSY 315, 317, 318, 319) may count towards the concentration. Two transfer courses can be applied to the concentration.

Students must have a C or higher in each course to count toward the concentration.

Sociology

Fulfill ALL of the following requirements:

Prerequisite

Complete ALL of the following Courses:

- SOC100 - Introductory Sociology

AND

4 Credits

Complete at least 4 of the following courses:

- SOC212 - Sociology of Culture
- SOC317 - Marriage & the Family
- SOC301 - Social Problems
- SOC304 - Race and Ethnic Relations
- SOC305 - Sex and Gender in Society
- SOC310 - Class and Status

SOC 100 is a prerequisite to all of the courses listed above except SOC 212. Students are strongly encouraged to take courses at the 300 level when there is an option.

Urban Studies

Students who select the concentration in urban studies take five credits including at least two at the 300/400 level.

Fulfill ALL of the following requirements:

3 Credits

Complete at least 3 of the following courses:

- POL300 - Urban Politics
- URB210 - Cities
- URB291 - Suburbia: People, Problems, & Policies
- URB421 - Practical Politics & Political Campaign
- URB430 - Seminar in Urban Studies

AND

2 Credits

Complete at least 2 of the following courses:

-

AND

- POL360 - Public Policy & Administration
- SOC301 - Social Problems

Additional Comments:
The above concentrations have been designed by the academic departments to offer liberal studies students the opportunity to study in a variety of fields. Students are encouraged to talk with departmental advisors or the Office of Advising about their concentrations to make sure that they choose courses that match their personal and professional objectives. Students must complete at least two 300/400-level courses at a four-year institution for each concentration, and students may only select one concentration per department for the Bachelor of Liberal Studies degree.

Capstone Requirement
Type
Completion Requirement

Capstone Requirement

Liberal Studies majors must complete an approved capstone. This may be: 1) An approved internship, field, research, or service-learning experience designed with the student's career goals in mind. -OR- 2) A approved capstone course or experience within either of their concentrations, provided they have completed the prerequisites necessary for the requirement.

The required capstone experience for Liberal Studies majors must be approved.
Internship, field, research, or service-learning experiences may be approved for the individual student's program by Academic Affairs and the student's Academic Advisor. A capstone course or experience within a concentration may be approved by the department chair of that concentration.

Electives
Type
Completion Requirement

300/400 Level Courses

Students must complete at least 10 courses at the 300/400 level

Earn at least 10 credits

Students may fulfill the "W" tag requirement by completing any of the following:

1. A "W" tag in either of their concentrations, provided they have completed the prerequisites necessary for the course.
2. ENG 303: Business and Technical Writing
3. COM 319: Business and Professional Communication
4. Any "W" tag course in consultation with their advisor

BMS.BS - Biomedical Science BS

General

Description
The Major in Biomedical Science provides an opportunity for all students interested in a career in the health professions to have a curriculum specific to their needs so that there is no confusion about which courses are needed in order to be a competitive applicant. The program will provide broad training and enough flexibility in upper-level biology electives so that students can also tailor their program to their specific interests within the medical field.

Outcome
Explain and apply the core biological concepts including energy and matter, structure and function, information flow, systems, and evolution

Outcome
Articulate an understanding of the core competencies including the process of science, quantitative reasoning, and modeling and simulation of biological phenomena

Outcome
Demonstrate biomedical science's interdisciplinary nature which requires communication and collaboration

Outcome
Recognize the ethical, historical, societal, and legal implications of biomedical science

Outcome
Recognize that diverse perspectives and ideas enhance biomedical investigation and broaden scientific knowledge

Program Information
All students must earn a minimum grade of C- and maintain a minimum GPA of 2.00 across all courses that are required for the major in order to successfully complete the degree.

Biomedical science students are allowed to repeat any major-required course taken at Elmhurst University in which they received a grade of D, F, P, NP, W or Audit no more than one time for each course.

Biomedical science majors must complete courses in the Biology Core and the Biomedical Science Core, as well as a final supporting course for the program.

The Biomedical Science Core requires students to complete four biology courses at the 300/400 level, including one elective course. Required and elective biology courses must fulfill all five categories listed below (note that each course counts for more than one category; see Biology Major description for course listings in each category)

• Evolution

• Information Flow

• Structure/Function

• Systems

• Transformation of Energy and Matter

Please note, biomedical science students are not eligible to count two terms of Independent Research (BIO 492 or BIO 495) as a single upper-level elective.

Requirements

Simple Requisites

The Integrated Curriculum
Type
Completion Requirement

Additional Comments:
The Integrated Curriculum

Major Requirements
Type
Completion Requirement

Core Biology Courses

All students must earn a minimum grade of C- and maintain a minimum GPA of 2.00 across all courses that are required for the major in order to successfully complete the degree.

Biomedical science students are allowed to repeat any major-required course taken at Elmhurst University in which they received a grade of D, F, P, NP, W or Audit no more than one time for each course.

Complete ALL of the following Courses:

- BIO200 - General Biology I
- BIO201 - General Biology II
- BIO315 - Genetics
- BIO498 - Capstone Seminar
- CHM211 - Chemical Principles I
- CHM212 - Chemical Principles II
- CHM311 - Organic Chemistry I
- CHM312 - Organic Chemistry II
- MTH132 - Precalculus
  OR MTH151 - Calculus I
- MTH345 - Elementary Statistics
  OR MTH346 - Statistics for Scientists
  OR PSY355 - Statistics for Scientific Research

Biomedical Science Core

Complete ALL of the following Courses:

- BIO321 - General Microbiology
- BIO430 - Principles of Anatomy
- BIO442 - Principles of Physiology
- CHM314 - Intro Biochemistry-Lec only
- PHY111 - Introductory Physics I
  OR PHY121 - General Physics I
- PHY112 - Introductory Physics II
  OR PHY122 - General Physics II

Electives
Type
Completion Requirement

Additional Comments:
Earning an Elmhurst University Degree

BPH.BS - Public Health BS

General

Description
Bachelor of Science in Public Health The Bachelor of Science in Public Health prepares graduates to enter professional practice as informed advocates for public health on the local, national, and global levels. The skills you acquired can be used in careers in health education, health promotion, policy administration, and more. Completion of the Bachelor of Science in Public Health prepares students for seamless progression into the Master's in Public Health program.
Program Information
Drawing on the resources of Elmhurst University's innovation initiatives and its liberal arts setting, the program has a first-ofits-kind concentration in Public Health Leadership and Innovation. The curriculum emphasizes transdisciplinary problem solving to prepare graduates to create and implement new approaches to persistent public health challenges for the 21st Century. Students will develop critical thinking skills, learn how to combat the spread of disease and learn public communication skills. Students gain practical, hands-on experience in the final practicum and capstone project that allows application of knowledge and skills to real-world issues. Completion of the program will provide students with the knowledge to make meaningful contributions to their community and to society.

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

Public Health Major

Complete ALL of the following Courses:

- PH100 - Intro to Public Health
- PSY210 - Intro to Psychological Science
- PH200 - Public Health & StudyDisease &Epidemics
- PH250 - SystemThinkApproachSocDeterminantHealth
- PH310 - Public Health & Global Citizenship
- PH320 - Hist& Contemp Public Health Challenge I
- PH330 - Public Health Epidemiology
- PH408 - Leadership & Innovation In PublicHealth
- PH420 - Public Health Policy & Politics
- PH430 - Public Health Capstone Project
- PH440 - Public Health Fieldwork
- PH451 - Community Health Programming

PH 300 or ES 310

Complete ANY of the following Courses:

- PH300 - Public Health, Environment & ModernLife
- ES310 - Environmental Science & Health

Statistics

Complete ANY of the following Courses:

- MTH345 - Elementary Statistics
- PSY355 - Statistics for Scientific Research

Electives
Type
Completion Requirement

Elective Requirement

Complete 12 Semester Hours
Students take 12 semester hours of electives to complete the public health major. A variety of elective courses are available to meet the needs and interests of public health majors. Public health majors are encouraged to elect courses in other divisions of the University or to complete a second major or minor in a related or complementary field.

Additional Comments:

Earning an Elmhurst University Degree

Bachelor of Science
Type
Completion Requirement

Math Requirement

Complete two college-level mathematics courses

Exception: MTH 325, 326, 440 and 441 so not count towards this requirement.

BSN.BS - Nursing BSN BSNRS

General

Description
*Accelerated Program offered through Adult Program
Program Information

Baccalaureate Degree Completion for Registered Nurses

The Department of Nursing and Health Sciences baccalaureate nursing program offers an option leading to the bachelor of science in nursing degree for registered nurses who are graduates of associate degree nursing programs or hospital schools of nursing.

Admission Requirements

The RN-BSN student must meet the following criteria for admission to the nursing program:

• A transfer grade-point average of 2.75 or above

• Official transcripts from all undergraduate institutions attended

• A minimum of 12 course units (48 semester hours) completed, including courses equivalent to three areas of knowledge in the Integrated Curriculum

• Students may submit as many as 16 course units (64 semester hours) of transfer credit

• Completion of courses equivalent to BIO 107, BIO 108 and BIO 221 with a grade of C or better in each course

• Completion of courses equivalent to ENG 105, PSY 210 and PSY 315 with a grade of C or better in each course

• A current, unencumbered license as a registered professional nurse in the state of Illinois

Nursing Sequence for RN-BSN Students

The nursing sequence consists of eight required NRS courses: NRS 320, 323, 406, 413, 415, 416, 420 and 421.

Required Support Courses for RN-BSN Students

• College-level mathematics

• MTH 345 Elementary Statistics or MTH 346 Statistics for Scientists or PSY 355 Statistics for Scientific Research

The student will also complete any remaining Integrated Curriculum courses not transferred upon admission, and any electives necessary to complete 32 course units (128 semester hours).

Policies for Nursing Students

The Department of Nursing and Health Sciences baccalaureate nursing program subscribes to the standards set by the Illinois Nurse Practice Act and other published professional nursing standards. Students in the pre-licensure baccalaureate nursing program are accountable for all standards and policies outlined in the Elmhurst University Pre-Licensure Baccalaureate Nursing Program Student Handbook. Students in the baccalaureate degree-completion program for registered nurses are accountable for all standards and policies outlined in the *Baccalaureate Program Student Handbook for Registered Nurses.* Nursing majors who fail to comply with these academic standards and policies are subject to the progressive discipline process outlined in the Handbook, up to and including dismissal from the nursing program.

To graduate with a major in nursing, students must obtain a grade of C or better in all prerequisite, support and nursing courses; maintain an overall grade-point average of at least 2.8 (Pre-licensure program) or 2.75 (RN-BSN program); adhere to published professional nursing standards; and maintain the health requirements, functional abilities and unique combinations of cognitive, affective, psychomotor, physical and social abilities required to satisfactorily perform essential nursing functions.

During the clinical nursing sequence, the student must assume financial responsibility for health requirements, immunization, health insurance, transportation to and from clinical agencies, and expenses related to application for professional licensure.

Requirements

Simple Requisites

Prerequisites
Type
Completion Requirement

BSN Prerequisites

Grade of C or better required

Complete ALL of the following Courses:

- BIO107 - Human Anatomy&Physiology I
- BIO108 - Human Anatomy & Physiology II
- BIO221 - Microbiology for Health Professionals
- PSY210 - Intro to Psychological Science
- MTH345 - Elementary Statistics
- PSY315 - Lifespan Development
  OR PSY317 - Child Development
  OR PSY319 - Adult Development & Aging

One additional college level mathematics course is required

Major Requirements
Type
Completion Requirement

BSN Major

Complete ALL of the following Courses:

- NRS320 - CncptsProfessionINrsPractice
- NRS323 - Patho-Pharm For Registered Nurses
- NRS406 - Leadership&Management Health Care Org
- NRS413 - Synthesis:Comm&Public Health Nursing
- NRS415 - Ethical&Legal DimensionsProfNursingPrac
- NRS416 - Synthesis:ProfNursingPracComplexSystems
- NRS420 - Evidence-BasedPractice&Informatics
- NRS421 - Policyfinance&manageaspectsclinicnursing

CGE.MIN - Computer Game and Entertainment Technology Minor

General

Requirements

CHM.BS - Chemistry BS

General

Description
The majors in chemistry are designed for students with varying career goals. Students graduating with a major in chemistry or biochemistry are prepared to enter graduate school, begin or continue work in an industrial or government research laboratory, teach science at the secondary-school level, or begin further education in a health-related field such as medicine, pharmacy, dentistry or veterinary science.

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

Chemistry Core Curriculum

Complete ALL of the following Courses:

- CHM220 - Adv Chemical Principles
- CHM221 - Analytical Chemistry
- CHM311 - Organic Chemistry I
- CHM312 - Organic Chemistry II
- CHM412 - Physical Chm:Quant Mech/Spec
- CHM413 - PhysiclChm:Therm,Kin&StatMec
- CHM494 - Independent Research
- CHM496 - Chemistry Research Seminar I
  AND CHM499 - Chem Research Seminar II
- CHM497 - Chem Literature Seminar I
  AND CHM498 - Chem Literature Seminar II
- MTH151 - Calculus I
- MTH152 - Calculus II
- PHY121 - General Physics I
- PHY122 - General Physics II

CHM 220 can be replace with CHM 211 and 212 Chemical Principles I and II (or equivalent)

Major Requirements

Fulfill ANY of the following requirements:

Major in Chemistry

Complete ALL of the following Courses:

- CHM420 - Chem Instrumnt I:Chromatographic&Spectr
- CHM421 - ChmInstru II:Eletrochem Molecular Spect

• Three additional course credits in CHM at the 300/400 level

OR

Major in Chemistry with ACS Approval

The department is approved by the American Chemical Society Committee on Professional Training. For a student to receive approval, the following courses must be taken:

Complete ALL of the following Courses:

- CHM420 - Chem Instrumnt I:Chromatographic&Spectr
- CHM421 - ChmInstru II:Eletrochem Molecular Spect
- CHM432 - Advanced Inorganic Chemistry

A total of two course credits from the following:

• CHM 313, CHM 316, CHM 414 or CHM 460

• Any advanced physics course with MTH 152 Calculus II prerequisite

• Any advanced math course with MTH 152 Calculus II prerequisite

OR

Major in Chemistry with Industry Concentration

This B.S. in Chemistry concentration provides students with a sound grounding in the traditional subdisciplines of chemistry, experience with modern instrumentation, internship experiences and courses in accounting and finance. This is the suggested major for student planning a career in the chemical industry with the eventual goal of entry into management and/ or an MBA program.

Complete ALL of the following Courses:

- CHM420 - Chem Instrumnt I:Chromatographic&Spectr
- CHM421 - ChmInstru II:Eletrochem Molecular Spect
- CHM468 - Internship
- BUS261 - Financial Accounting
- BUS262 - Management Accounting
- BUS340 - Business Finance

Electives
Type
Completion Requirement

Recommended Courses

Depending on your career goals, faculty will assist you in selecting classes to enhance your education. Common suggestions include: prerequisite courses for professional programs, courses in computer science such as CS 220, advanced math courses past calculus II, molecular genetics (BIO 413), or advanced physics classes.

CHM.MIN - Chemistry Minor

General

Description
A minor in chemistry requires CHM 211, CHM 212 (or CHM 220), CHM 311 and CHM 312, plus two additional chemistry course credits, which must include one course with a laboratory component. Consult with departmental faculty for course selection to ensure the laboratory requirements are met.

Requirements

Simple Requisites

Minor Requirements
Type
Completion Requirement

Chemistry Courses

Fulfill ALL of the following requirements:

Requirements

Complete ALL of the following Courses:

- CHM211 - Chemical Principles I
- CHM212 - Chemical Principles II
- CHM311 - Organic Chemistry I
- CHM312 - Organic Chemistry II

CHM220 Advanced Chemical Principles can replace CHM211 and 212

AND

Electives

Two additional course credits of chemistry electives from the following:

• CHM221 Analytical Chemistry Analytical Chemistry

• Any 300/400-level chemistry course

One of these additional courses must have a lab.

CHY.MIN - Childhood and Youth Studies Minor

General

Description

The Childhood and Youth Studies minor will prepare students to work with children and youth in a variety of capacities. Childhood and Youth studies is a multidisciplinary field. As such, the minor brings together classes in psychology, education, social work, sociology, and other fields, to provide students with a broad perspective of this life stage. This minor provides students with insight into the individual characteristics of children and youth, the social and structural constraints on the lives of children and youth, and the major institutions of childhood. The minor requires 4.5 credits from a range of disciplines.

Outcome
Apply multiple theoretical frameworks and disciplinary perspectives on youth and childhood

Outcome
Critically examine the various institutions impacting childhood and youth, such as education and the family

Outcome
Evaluate the intersections of disability, and other identities, in relation to childhood and youth

Outcome
Utilize skills from a variety of disciplines to work with children and youth

Requirements

Simple Requisites

Minor Requirements
Type
Completion Requirement

Social Perspectives

Complete at least 1 of the following courses:

- SOC353 - Sociology of Childhood & Youth
- SW308 - Social Services Child and Adolescent
- CJ319 - Juvenile Delinquency & Justice System

Developmental Perspectives

Complete at least 1 of the following courses:

- PSY317 - Child Development
- PSY318 - Adolescent Development
- EYC326 - Typical/ATypicalDevelChildB-5

Students should work with their advisor and the relevant department chair on the possibility of waiving prerequisite requirements, if necessary

Educational Perspectives

Complete at least 1 of the following courses:

- EDU104 - Cultural Foundatns Educ U.S.
- EYC328 - Family&CommunityRelationships
- EDU223 - PK-12Learnrs/Exceptionalities
- TEL204 - CrssCultrl Tchg EngLangLrnrs

Students should work with their advisor and the relevant department chair on the possibility of waiving prerequisite requirements, if necessary

Disability and Difference

Complete at least 1 of the following courses:

- CSD242 - Towards Understanding Autism
- CSD356 - Children at Risk
- CSD200 - Intro to Comm Sciences & Disorders
- PSY427 - Child Psychopathology
- SPE338 - Char Learners Exceptionalitiy

Final Elective Options

The final elective class can be chosen from any of the minor buckets or additional, relevant courses as listed.

Complete ALL of the following Courses:

- SOC353 - Sociology of Childhood & Youth
- SW308 - Social Services Child and Adolescent
- CJ319 - Juvenile Delinquency & Justice System
- PSY317 - Child Development
- PSY318 - Adolescent Development
- EYC326 - Typical/ATypicalDevelChildB-5
- EDU104 - Cultural Foundatns Educ U.S.
- EYC328 - Family&CommunityRelationships
- EDU223 - PK-12Learnrs/Exceptionalities
- TEL204 - CrssCultrl Tchg EngLangLrnrs
- CSD242 - Towards Understanding Autism
- CSD356 - Children at Risk
- CSD200 - Intro to Comm Sciences & Disorders
- PSY427 - Child Psychopathology
- SPE338 - Char Learners Exceptionalitiy
- SOC317 - Marriage & the Family
- NRS316 - Family Health: Childrearing

- COM323 - Family Communication
- SPN304 - Tchg Hispanic Children Lit
- ENG314 - Children's Literature
- ENG315 - Adolescent Literature

Internship, independent study, or independent research, with approval of department chair

Additional Comments:
This minor requires 4.5 credits. Students should take at least one course from each of four buckets: “Social Perspectives,” “Developmental Perspectives,” “Educational Perspectives,” and “Disability and Difference.” The final credit can be from any bucket or the list of additional electives.

Students may not apply more than two classes to both this minor and an additional major or minor.

Students may not apply more than two classes within the same discipline to the minor (i.e. no more than two classes with a PSY prefix or two classes with a EDU/SPE/EYC prefix may be applied to the minor).

A grade of C- or better is necessary to satisfy the minor requirements. At least three required courses must be taken at Elmhurst University.

CIT.MS - Computer Information Technology MS

General

Description
The graduate program in computer information technology is designed to prepare students for the rapidly evolving discipline of information technology (IT). Students gain an in-depth knowledge of both networking and programming, emphasizing the applications of each in today's business environment. The degree equips students with knowledge and skills that have immediate application within the job market.

Outcome
Core Computing and Problem-Solving Expertise: Graduates will demonstrate advanced proficiency in computing, coupled with the ability to critically analyze problems, identify computing requirements, and design, implement, and evaluate effective computer-based solutions across various sub-disciplines.

Outcome
Collaboration and Professional Integrity: Graduates will be equipped to work effectively in team settings to achieve common objectives, while also upholding the highest standards of professional such as, ethical, legal, and social responsibility in the technology domain.

Outcome
Communication and Global Awareness: Graduates will possess the skills to articulate complex technical information to diverse audiences effectively and will have an informed perspective on the local and global impacts of computing on society, encouraging a commitment to ethical and responsible technology deployment.

Outcome
Lifelong Learning and Adaptive Technological Fluency: Graduates will demonstrate continual learning in the rapidly evolving field of information technology, maintaining an adaptive expertise in current techniques, skills, and tools necessary for innovative computing practice.

Outcome
Integrated Technical Leadership and Project Management: Graduates will have the ability to integrate comprehensive technical knowledge with modern management techniques to design, implement, and administer complex computing systems, including network systems and software applications, ensuring projects meet defined objectives of scope, quality, time, and cost.

Program Information
In this program, students learn to design, program and administer outstanding computer network systems, database systems and web/mobile applications. They also gain interpersonal skills, develop an understanding of the ethical issues in information sharing, and learn how to reach across disciplines and teams in any organization.

Admission Requirements

Applicants for the Master of Science in Computer Information Technology must have a bachelor’s degree from a regionally accredited university/college. General knowledge of computer programming and basics of a computer network is expected, otherwise, students are expected to take MIT 300.

Other Requirements

Students are required to maintain a 3.00 cumulative grade-point average throughout the program. Students with less than a cumulative 3.00 grade-point average will be placed on probation for one term to allow them to raise their grade-point average. Students with less than a 3.00 grade-point average after one probationary term will be dismissed from the program. Grades below C, (C-, D-, D, D+, and F) will not be applied toward the program’s graduation requirements. Students can’t repeat a course more than once.

Areas of Concentration

• Computer Networks

• Application Development

• Data Science

Program Format

The program can be completed in two years of part-time work. Required courses are offered in the EC Flex format. Students may attend online, on-campus or both.

• Part-time

• One night per week

• Fall/Spring start dates

• Completed in 24 months

Prerequisites

• Programming Concepts prep course

• Networking Concepts prep course

Course Requirements

The master's program requires the successful completion of 10 courses for a total of 30 semester hours.

All courses are eight weeks in length. Class schedule is based on program start point and area of concentration.

Program Length: 7.50 credits (30 semester hours)

FACULTY
Ali Ghane - Program Director

Requirements

Simple Requisites

Program Requirements
Type
Completion Requirement

Information Technology Core Courses

Complete ALL of the following Courses:

- MIT550 - Computer Security and Risk Management
- MIT561 - Computer Network I
- MIT562 - Computer Network II
- MIT567 - Cloud Computing
- MIT543 - Web Application Development
- MIT510 - DatabaseMgt&DataWarehousing
- MIT572 - Capstone

Electives
Type
Completion Requirement

Required Electives

Complete at least 3 of the following courses:

- MIT520 - System Integration & Automation
- MIT565 - Internetworking
- MIT566 - Virtualization
- MIT541 - Human Computer Interaction UI/UX
- MIT545 - MobileApplicationDevelopment
- MDS546 - Methods of Exploratory Data Analysis
- MDS534 - Introduction to Predictive Modeling
- MBA509 - Project Management

CJ.BA - Criminal Justice BA

General

Description
Students learn about the nature and causes of crime and the structures and processes by which society responds to criminal behavior, including law enforcement, the courts, correctional system, and criminal law. Majors and minors have the opportunity to study criminal justice, as well as, related fields, such as sociology and political science. The major prepares students for entry-level positions in both the criminal justice system and social service sector, including law enforcement, corrections, probation and parole, as well as for advanced study in graduate and professional schools in criminal justice, criminology and criminal law.

Outcome
Identify and apply sociological or criminological theories/philosophies to critically evaluate understand social phenomena

Outcome
Use scientific principles to evaluate social phenomena and communicate the findings

Outcome
Identify and analyze the inequity of the social structure to better develop solutions with the goal of informing ethical policy and/or practice

Outcome
Evaluate the structure, function, and process of the criminal justice system, including major subsystems, in the past and present

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

Criminal Justice Major

A grade of C- or better is necessary to satisfy major, minor, and prerequisite requirements.

Complete ALL of the following Courses:

- CJ100 - Intro Criminal Justice System
- CJ308 - Theories of Criminology
- CJ323 - Methods of Social Research
  OR SOC323 - Methods of Social Research
- MTH345 - Elementary Statistics
  OR MTH346 - Statistics for Scientists
  OR PSY355 - Statistics for Scientific Research

Criminology Requirement

Must take three of the following; only one course may be from outside of the Criminal Justice Program:

Complete at least 3 of the following courses:

- SOC301 - Social Problems
- SOC304 - Race and Ethnic Relations
- CJ319 - Juvenile Delinquency & Justice System
- CJ340 - Gender & Crime
- CJ350 - Social&CrJusticePolicyIn U.S.
- CJ351 - Communities & Crime

Criminal Justice Requirement

Must take three of the following; only one course may be from outside of the Criminal Justice Program:

Complete at least 3 of the following courses:

- CJ210 - Policing and Society
- CJ215 - Corrections:Theory&Practice
- CJ320 - Corporate White Collar & Org. Crime
- CJ330 - Criminal Investigation
- CJ340 - Gender & Crime
- CJ352 - Criminal Justice Ethics
- CJ411 - Criminal Law and Procedure
- POL240 - Law and Politics

Electives
Type
Completion Requirement

Recommended Electives

Complete ANY of the following Courses:

- CS220 - Computer Science I
- BUS263 - Acc & Financial Mgt for Non-Bus Majors
- GEO207 - Foundations of GIS
- GEO302 - Urban Applications of GIS
- **OR**
- CHN201 - Intermediate Chinese I (Inactive)
  OR CHN202 - Intermediate Chinese II (Inactive)
- PHL315 - Philosophy of Law
- POL360 - Public Policy & Administration
- POL412 - Constitutional Law: Civil Rights

Additional Courses

A student may apply credits from the courses below to the Criminology or Criminal Justice categories based on the class, research, or field work topics, as approved by the Department.

Complete ANY of the following Courses:

- CJ480 - Selected Topics in Criminal Justice
- CJ490 - Independent Field Work
- CJ491 - Independent Research
- CJ492 - Independent Study
- CJ495 - Honors Independent Research

CJ.BS - Criminal Justice BS

General

Description
Students learn about the nature and causes of crime and the structures and processes by which society responds to criminal behavior, including law enforcement, the courts, correctional system, and criminal law. Majors and minors have the opportunity to study criminal justice, as well as, related fields, such as sociology and political science. The major prepares students for entry-level positions in both the criminal justice system and social service sector, including law enforcement, corrections, probation and parole, as well as for advanced study in graduate and professional schools in criminal justice, criminology and criminal law.

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

Criminal Justice Major

A grade of C- or better is necessary to satisfy major, minor, and prerequisite requirements.

Complete ALL of the following Courses:

- CJ100 - Intro Criminal Justice System
- CJ308 - Theories of Criminology
- CJ323 - Methods of Social Research
  OR SOC323 - Methods of Social Research
- CJ496 - Capstone Seminar
- MTH345 - Elementary Statistics
  OR MTH346 - Statistics for Scientists
  OR PSY355 - Statistics for Scientific Research

Criminology Requirement

Must take three of the following; only one course may be from outside of the Criminal Justice Program:

Complete at least 3 of the following courses:

- SOC301 - Social Problems
- SOC304 - Race and Ethnic Relations
- CJ319 - Juvenile Delinquency & Justice System
- CJ340 - Gender & Crime
- CJ350 - Social&CrJusticePolicyIn U.S.
- CJ351 - Communities & Crime

Criminal Justice Requirement

Must take three of the following; only one course may be from outside of the Criminal Justice Program:

Complete at least 3 of the following courses:

- CJ210 - Policing and Society
- CJ215 - Corrections:Theory&Practice
- CJ320 - Corporate White Collar & Org. Crime
- CJ330 - Criminal Investigation
- CJ340 - Gender & Crime
- CJ352 - Criminal Justice Ethics
- CJ411 - Criminal Law and Procedure
- POL240 - Law and Politics

Electives
Type
Completion Requirement

Recommended Electives

Complete ANY of the following Courses:

- CS220 - Computer Science I
- BUS263 - Acc & Financial Mgt for Non-Bus Majors
- GEO207 - Foundations of GIS
- GEO302 - Urban Applications of GIS
- **OR**
- CHN201 - Intermediate Chinese I (Inactive)
  OR CHN202 - Intermediate Chinese II (Inactive)
- PHL315 - Philosophy of Law
- POL360 - Public Policy & Administration
- POL412 - Constitutional Law: Civil Rights

Additional Courses

A student may apply credits from the courses below to the Criminology or Criminal Justice categories based on the class, research, or field work topics, as approved by the Department.

Complete ANY of the following Courses:

- CJ480 - Selected Topics in Criminal Justice
- CJ490 - Independent Field Work
- CJ491 - Independent Research
- CJ492 - Independent Study
- CJ495 - Honors Independent Research

Bachelor of Science Option
Type
Completion Requirement

Math Requirement

Students must complete two college-level mathematics courses except MTH 325, 326, 440 and 441.

Complete two college-level mathematics courses.

CJ.MIN - Criminal Justice Minor

General

Description
The minor in criminal justice requires five courses in criminal justice.

Requirements

Simple Requisites

Minor Requirements
Type
Completion Requirement

Criminal Justice Courses

Complete ALL of the following Courses:

- CJ100 - Intro Criminal Justice System
- CJ308 - Theories of Criminology

Three additional courses from Criminal Justice or Criminology required.

Additional Comments:
One must be 300 level or higher

Cannot be SOC/CJ 323, CJ 490, CJ 491, CJ 492 or CJ 496

CMM.BA - Communication BA

General

Description
The communication major provides students with the theoretical knowledge to understand how communication influences social interaction in a variety of contexts, including organizations, groups, relationships, media, and culture. Students will improve their writing and speaking skills and learn how to understand, analyze, and critique messages and human behavior. Students are encouraged to apply their knowledge and skills through internships, providing the experience necessary for future job placement. This major is recommended for students who plan to pursue public relations, project management, media analysis, or graduate degrees in communication or other social science disciplines.

Outcome
Describe the Communication discipline and its central questions.

Outcome
Employ Communication theories, perspectives, principles, and concepts.

Outcome
Engage in Communication inquiry.

Outcome
Create messages appropriate to the audience, purpose, and context.

Outcome
Apply ethical Communication principles and practices.

Outcome
Articulate the connection between communication and culture.

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

Communication Major

Complete ALL of the following Courses:

- COM114 - Interpersonal Communication
- COM213 - Public Speaking
- COM315 - Intercultural Communication
- COM316 - Communication Theory
- COM319 - Business & Professional Communication

- COM490 - Senior Seminar: Topics in Communication
  OR COM498 - Internship: Capstone
- COM219 - Intro to Public Relations
  OR COM211 - Media and Society

All students take a core of six courses and then, with the assistance of an academic advisor, select appropriate courses from an area of concentration.

Strategic Communication Concentration

COM219 Intro to Public Relations Introduction to Public Relations is required, along with six additional courses chosen from:

Complete at least 6 of the following courses:

- COM260 - Media Writing
- COM305 - News Reporting
- COM306 - Advanced Reporting
- COM311 - Interprsonal Communicatn in the Workplce
- COM320 - Organizational Communication
- COM321 - Case Studies In Crisis Communication
- COM327 - Environmental Communication
- COM328 - Event Management
- COM353 - Special Topics in Communication Studies
- COM405 - Digital Journalism
- COM413 - Public Address and Advocacy
- COM419 - Bus&ProfesComOnlineContexts
- COM420 - Ethics in Communication
- COM450 - Leadership and Communication
- COM468 - Internship
- COM411 - Media Seminar

Communication Studies Concentration

COM211 Media and Society Media and Society or COM219 Intro to Public Relations Introduction to Public Relations is required, along with six additional courses chosen from:

Complete at least 6 of the following courses:

- COM311 - Interprsonal Communicatn in the Workplce
- COM312 - Small Group Communication
- COM317 - Persuasive Communication
- COM320 - Organizational Communication
- COM322 - Conflict Management
- COM323 - Family Communication
- COM326 - Health Communication
- COM327 - Environmental Communication
- COM329 - Media & Cultural Identity
- COM353 - Special Topics in Communication Studies
- COM419 - Bus&ProfesComOnlineContexts
- COM420 - Ethics in Communication
- COM450 - Leadership and Communication
- COM468 - Internship

Complete ALL of the following :

CMM.BS - Communication BS

General

Description

The communication major provides students with the theoretical knowledge to understand how communication influences social interaction in a variety of contexts, including organizations, groups, relationships, media, and culture. Students will improve their writing and speaking skills and learn how to understand, analyze, and critique messages and human behavior. Students are encouraged to apply their knowledge and skills through internships, providing the experience necessary for future job placement. This major is recommended for students who plan to pursue public relations, project management, media analysis, or graduate degrees in communication or other social science disciplines.

Outcome
Describe the Communication discipline and its central questions.

Outcome
Employ Communication theories, perspectives, principles, and concepts.

Outcome
Engage in Communication inquiry.

Outcome
Create messages appropriate to the audience, purpose, and context.

Outcome
Apply ethical Communication principles and practices.

Outcome
Articulate the connection between communication and culture.

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

Communication Major

Complete ALL of the following Courses:

- COM114 - Interpersonal Communication
- COM213 - Public Speaking
- COM315 - Intercultural Communication
- COM316 - Communication Theory
- COM319 - Business & Professional Communication
- COM490 - Senior Seminar: Topics in Communication
  OR COM498 - Internship: Capstone
- COM219 - Intro to Public Relations
  OR COM211 - Media and Society

All students take a core of six courses and then, with the assistance of an academic advisor, select appropriate courses from an area of concentration.

Strategic Communication Concentration

COM219 Intro to Public Relations Introduction to Public Relations is required, along with six additional courses chosen from:

Complete at least 6 of the following courses:

- COM260 - Media Writing
- COM305 - News Reporting
- COM306 - Advanced Reporting
- COM311 - Interprsonal Communicatn in the Workplce
- COM320 - Organizational Communication
- COM321 - Case Studies In Crisis Communication
- COM327 - Environmental Communication
- COM328 - Event Management
- COM353 - Special Topics in Communication Studies
- COM405 - Digital Journalism
- COM413 - Public Address and Advocacy
- COM419 - Bus&ProfesComOnlineContexts
- COM420 - Ethics in Communication
- COM450 - Leadership and Communication
- COM468 - Internship
- COM411 - Media Seminar

Communication Studies Concentration

COM211 Media and Society Media and Society or COM219 Intro to Public Relations Introduction to Public Relations is required, along with six additional courses chosen from:

Complete at least 6 of the following courses:

- COM311 - Interprsonal Communicatn in the Workplce
- COM312 - Small Group Communication
- COM317 - Persuasive Communication
- COM320 - Organizational Communication
- COM322 - Conflict Management
- COM323 - Family Communication
- COM326 - Health Communication
- COM327 - Environmental Communication
- COM329 - Media & Cultural Identity
- COM353 - Special Topics in Communication Studies
- COM419 - Bus&ProfesComOnlineContexts
- COM420 - Ethics in Communication
- COM450 - Leadership and Communication
- COM468 - Internship

Bachelor of Science Option
Type
Completion Requirement

Math Requirement

Complete two college-level mathematics courses.

COA.MIN - Coaching Minor

General

Description
A coaching minor will provide the fundamental knowledge that is essential for coaching any sport. Successful coaches not only are well versed in technical and tactical skills, but also know how to teach life skills.
The minor will focus on helping coaches develop in the areas of philosophy, physical training, management, communication, motivation and the teaching of sport skills.

Requirements

Simple Requisites

Minor Requirements
Type
Completion Requirement

Coaching Courses

Complete ALL of the following Courses:

- PE202 - Individual and Dual Sports
  OR PE203 - Team Sports
- KIN285 - Coaching Theory
- KIN306 - Nutrition
- KIN323 - Sport & Exercise Psychology
- PE410 - Kinesiology

COM.MIN - Communication Minor

General

Description
A minor in communication consists of a minimum of four communication courses. COM 492 cannot be counted toward a minor.

Requirements

CS.BA - Computer Science BA

General

Description
All computer science majors are required to complete 9.5 core courses in computer science and information systems, two related quantitative courses, and four courses in one chosen area of concentration: Computational Studies, Game Programming, Web and Mobile Development, or Software Engineering. 15.5 total courses are required. A grade of C- or better is required in all major courses for graduation in Computer Science, Cybersecurity, and Information Systems.

Outcome
1. Foundational Knowledge and Problem-Solving: Graduates will have a solid foundation in computing, mathematics, and theoretical principles, enabling them to analyze problems effectively and identify computing requirements for developing innovative solutions.

Outcome
2. System Design and Implementation: Graduates will possess the skills to design, implement, and evaluate computer-based systems, processes, components, or programs to meet desired needs.

Outcome
3. Teamwork and Professional Responsibility: Graduates will be adept at functioning effectively in teams to achieve common goals, while also demonstrating a deep understanding of professional, ethical, legal, security, and social issues in computing.

Outcome
4. Communication and Global Impact Awareness: Graduates will be able to communicate effectively with a range of audiences, articulating technical information clearly and persuasively. They will also possess a critical understanding of the local and global impacts of computing on individuals, organizations, and society, fostering a responsible approach to technology deployment and innovation.

Outcome
5. Lifelong Learning and Adaptability: Graduates will recognize the importance of and engage in continuing professional development to stay abreast of emerging technologies and practices in computer science.

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

Computer Science Major

Complete ALL of the following Courses:
- CS220 - Computer Science I
- CS255 - Computer Science II
- CS318 - Obj-Oriented Design & Program Using C++
- CS320 - Data Structures & Algorithmic
- CS360 - Computer Network Systems
- CS420 - Operating Systems
- CS323 - Foundations: Human-Computer Interaction
- IS424 - Intro System Analysis & Design
- IS423 - Data Base Management Systems
- MTH151 - Calculus I
- CS302 - DiscreteMathII:Struct&Algorit
- CS475 - Software Engineering

Concentrations

The concentrations, in the order listed, are:

Computational Studies

Game Programming

Web and Mobile Development

Software Engineering

Complete ANY of the following Courses:
- CS310 - Computer Organization & Prog in Assembly
  AND CS418 - Artificial Intelligence
  AND CS435 - Concepts of Programming Languages
- CS351 - Foundations of Game Programming
  AND CS451 - Intermediate Game Programming
  AND CS453 - Game Programming Design Patterns
  AND CS455 - Serious Game Development
- CS315 - Web Design & Development
  AND CS419 - JAVA Programming & Web Development
  AND CS440 - Web Based Applications
  AND IS224 - Visual C# ProgrammingLanguage
- CS310 - Computer Organization & Prog in Assembly
  AND CS419 - JAVA Programming & Web Development
  AND CS435 - Concepts of Programming Languages
  AND CS440 - Web Based Applications

Four courses are required for each concentration. If fewer are specified, students may choose an elective from CS, CYS, or IS.

Additional Comments:
Four courses are required for each area of concentration. If fewer than four are specified, students may choose an elective in CS, CYS, or IS.

Electives
Type
Completion Requirement

Recommended Additional Courses

Complete ANY of the following Courses:
- CS468 - Internship
- CS312 - Ethics in Digital Technology
- MTH152 - Calculus II
  OR MTH251 - Calculus III
- IS423 - Data Base Management Systems
- PHY121 - General Physics I
  OR PHY122 - General Physics II
- BIO200 - General Biology I
  OR BIO201 - General Biology II
- CHM211 - Chemical Principles I
  AND CHM212 - Chemical Principles II
- GEO207 - Foundations of GIS
  OR GEO309 - Spatial Analysis

CS.BS - Computer Science BS

General

Description
All computer science majors are required to complete 9.5 core courses in computer science and information systems, two related quantitative courses, and four courses in one chosen area of concentration: Computational Studies, Game Programming, Web and Mobile Development, or Software Engineering. 15.5 total courses are required. A grade of C- or better is required in all major courses for graduation in Computer Science, Cybersecurity, and Information Systems.

Outcome
1. Foundational Knowledge and Problem-Solving: Graduates will have a solid foundation in computing, mathematics, and theoretical principles, enabling them to analyze problems effectively and identify computing requirements for developing innovative solutions.

Outcome
2. System Design and Implementation: Graduates will possess the skills to design, implement, and evaluate computer-based systems, processes, components, or programs to meet desired needs.

Outcome
3. Teamwork and Professional Responsibility: Graduates will be adept at functioning effectively in teams to achieve common goals, while also demonstrating a deep understanding of professional, ethical, legal, security, and social issues in computing.

Outcome
4. Communication and Global Impact Awareness: Graduates will be able to communicate effectively with a range of audiences, articulating technical information clearly and persuasively. They will also possess a critical understanding of the local and global impacts of computing on individuals, organizations, and society, fostering a responsible approach to technology deployment and innovation.

Outcome
5. Lifelong Learning and Adaptability: Graduates will recognize the importance of and engage in continuing professional development to stay abreast of emerging technologies and practices in computer science.

Requirements

Simple Requisites

Major Requirements
Type

Completion Requirement

Computer Science Major

Complete ALL of the following Courses:

- CS220 - Computer Science I
- CS255 - Computer Science II
- CS318 - Obj-Oriented Design & Program Using C++
- CS320 - Data Structures & Algorithmic
- CS360 - Computer Network Systems
- CS420 - Operating Systems
- CS323 - Foundations: Human-Computer Interaction
- IS424 - Intro System Analysis & Design
- IS423 - Data Base Management Systems
- MTH151 - Calculus I
- CS302 - DiscreteMathII:Struct&Algorit
- CS475 - Software Engineering

Concentrations

The concentrations, in the order listed, are:

Computational Studies

Game Programming

Web and Mobile Development

Software Engineering

Complete ANY of the following Courses:

- CS310 - Computer Organization & Prog in Assembly
  AND CS418 - Artificial Intelligence
  AND CS435 - Concepts of Programming Languages
- CS351 - Foundations of Game Programming
  AND CS451 - Intermediate Game Programming
  AND CS453 - Game Programming Design Patterns
  AND CS455 - Serious Game Development
- CS315 - Web Design & Development
  AND CS419 - JAVA Programming & Web Development
  AND CS440 - Web Based Applications
  AND IS224 - Visual C# ProgrammingLanguage
- CS310 - Computer Organization & Prog in Assembly
  AND CS419 - JAVA Programming & Web Development
  AND CS435 - Concepts of Programming Languages
  AND CS440 - Web Based Applications

Four courses are required for each concentration. If fewer are specified, students may choose an elective from CS, CYS, or IS.

Additional Comments:
Four courses are required for each area of concentration. If fewer than four are specified, students may choose an elective in CS, CYS, or IS.

Electives
Type
Completion Requirement

Recommended Additional Courses

Complete ANY of the following Courses:

- CS468 - Internship
- CS312 - Ethics in Digital Technology
- MTH152 - Calculus II
  OR MTH251 - Calculus III
- IS423 - Data Base Management Systems
- PHY121 - General Physics I
  OR PHY122 - General Physics II
- BIO200 - General Biology I

OR BIO201 - General Biology II
- CHM211 - Chemical Principles I
  AND CHM212 - Chemical Principles II
- GEO207 - Foundations of GIS
  OR GEO309 - Spatial Analysis

Bachelor of Science Option
Type
Completion Requirement

Math Requirement

Complete two college-level mathematics courses.

CS.MIN - Computer Science Minor

General

Description
Students seeking a minor in computer science must take CS 220, CS 255, and four 300/400-level courses selected with the approval of the chair of the Department of Computer Science and Information Systems.

Outcome
1. Foundational Knowledge and Problem-Solving: Graduates will have a solid foundation in computing, mathematics, and theoretical principles, enabling them to analyze problems effectively and identify computing requirements for developing innovative solutions.

Outcome
2. System Design and Implementation: Graduates will possess the skills to design, implement, and evaluate computer-based systems, processes, components, or programs to meet desired needs.

Outcome
3. Lifelong Learning and Adaptability: Graduates will recognize the importance of and engage in continuing professional development to stay abreast of emerging technologies and practices in computer science.

Requirements

Simple Requisites

CS Minor
Type
Completion Requirement

Complete ALL of the following Courses:
- CS220 - Computer Science I
- CS255 - Computer Science II

Four additional 300/400 level CS courses chosen with approval by department chair.

CSD.BA - Communication Sciences and Disorders BA

General

Description
Major in Communication Sciences and Disorders The major in communication sciences and disorders provides students with a background in the processes of normal communication and prepares them to both recognize and treat communication disorders. Students have the opportunity to gain both observation hours. This major provides coursework necessary for admission to graduate programs in speechlanguage pathology and audiology. Students may also pursue work and further education in closely related fields. To prepare for work in the schools, the department advises students to meet requirements designated by the Illinois State Board of Education. In addition, a master's degree is required for certification by the American Speech-Language-Hearing Association (ASHA) and for state licensure in Illinois. All students are encouraged to join NSSLHA (the National Student Speech-Language-Hearing Association).

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

Communication Sciences and Disorders Major

Complete ALL of the following Courses:
- CSD200 - Intro to Comm Sciences & Disorders
- CSD205 - Clinical Phonetics
- CSD234 - Anatomy/Physiology Spc/Hearing
- CSD237 - Linguistics&SocialJusticeSpeechLangHear
- CSD339 - Intro to Audio: Princ & Mthds
- CSD341 - Speech Sound Disorders
- CSD344 - Speech Science
- CSD345 - Prof Writing Speech-Lang Path
- CSD390 - Language Development & Disorders
- CSD433 - Neurological Bases of Com
- CSD450 - BeginPrac: Clinical Methods&Diagnostics
- CSD455 - Aural Rehabilitation
- CSD477 - CAPSTONE:ExpLrng&Assist Clinical Prac

Required Elective

Complete at least 1 of the following courses:
- CSD100 - Introduction to Sign Language
- CSD101 - Sign Language I
- CSD102 - Sign Language II
- CSD242 - Towards Understanding Autism
- CSD340 - Fluency Disorders
- CSD356 - Children at Risk
- CSD376 - Principle&MethdMedicalSetSpeechLangPath
- CSD382 - GlobalPersComDisabl:CostaRica

- CSD476 - LangStimulation&EnrichmentExp

CSD.BS - Communication Sciences and Disorders BS

General

Description
Major in Communication Sciences and Disorders The major in communication sciences and disorders provides students with a background in the processes of normal communication and prepares them to both recognize and treat communication disorders. Students have the opportunity to gain both observation hours. This major provides coursework necessary for admission to graduate programs in speechlanguage pathology and audiology. Students may also pursue work and further education in closely related fields. To prepare for work in the schools, the department advises students to meet requirements designated by the Illinois State Board of Education. In addition, a master's degree is required for certification by the American Speech-Language-Hearing Association (ASHA) and for state licensure in Illinois. All students are encouraged to join NSSLHA (the National Student Speech-Language-Hearing Association).

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

Communication Sciences and Disorders Major

Complete ALL of the following Courses:

- CSD200 - Intro to Comm Sciences & Disorders
- CSD205 - Clinical Phonetics
- CSD234 - Anatomy/Physiology Spc/Hearing
- CSD237 - Linguistics&SocialJusticeSpeechLangHear
- CSD339 - Intro to Audio: Princ & Mthds
- CSD341 - Speech Sound Disorders
- CSD344 - Speech Science
- CSD345 - Prof Writing Speech-Lang Path
- CSD390 - Language Development & Disorders
- CSD433 - Neurological Bases of Com
- CSD450 - BeginPrac: Clinical Methods&Diagnostics
- CSD455 - Aural Rehabilitation
- CSD477 - CAPSTONE:ExpLrng&Assist Clinical Prac

Required Elective

Complete at least 1 of the following courses:

- CSD100 - Introduction to Sign Language
- CSD101 - Sign Language I
- CSD102 - Sign Language II
- CSD242 - Towards Understanding Autism
- CSD340 - Fluency Disorders
- CSD356 - Children at Risk
- CSD376 - Principle&MethdMedicalSetSpeechLangPath
- CSD382 - GlobalPersComDisabl:CostaRica
- CSD476 - LangStimulation&EnrichmentExp

Bachelor of Science Option
Type
Completion Requirement

Math Requirement

Complete two college-level mathematics courses.

CSD.MIN - Communication Sciences and Disorders Minor

General

Description
A total of four credits, with a grade of C or higher, from the department constitute a minor in that area, with the following exceptions: CSD 492 cannot be counted toward a minor. The department chair must approve any exceptions.

Requirements

CSD.MS - Communication Sciences and Disorders MS

General

Description
The master's program in communication sciences and disorders (CSD) at Elmhurst University prepares students for rewarding careers as speech-language pathologists in professional settings such as schools, hospitals, clinics, research institutions, private practice and more.

Outcome
National standards established by the American Speech Language Hearing Association (ASHA)

Outcome
State standards established by the Illinois State Board of Education, Section 28.230

Program Information
Jennifer Kremkow, Director

Designed primarily for students with bachelor's degrees or post-baccalaureate leveling preparation in communication sciences and disorders, the graduate program prepares students for national certification by the American Speech Language-Hearing Association (ASHA) and for state licensure.

Students enrolled in the communication sciences and disorders program attend classes full time on the arboretum campus of Elmhurst University in Chicago's western suburbs. Most students can complete the program in 22 months (Summer Year 1 to Spring Year 2); students may also complete the program in Summer Year 3, if needed. The program takes a cohort approach, fostering teamwork skills and strong bonds among classmates.

Opportunities abound for clinical experiences in a variety of locations, from public schools to hospitals to rehabilitation facilities to Elmhurst University's own Speech-Language-Hearing Clinic.

Throughout the CSD curriculum, Elmhurst University faculty members promote the use of evidence-based practice decisions while maintaining a mutually respectful environment. In addition to promoting scholarship and intellectual curiosity, the faculty emphasize the impact of communication disorders on individuals and families.

In conjunction with this Course Catalog, CSD Graduate Program Handbook details policies and procedures for students enrolled in the program.

The Master of Science (M.S.) education program in speechlanguage pathology through the Department of Communication Sciences and Disorders at Elmhurst University is accredited by the Council on Academic Accreditation in Audiology and Speech-Language Pathology of the American SpeechLanguage-Hearing Association, 2200 Research Boulevard, #310, Rockville, MD 20850, 800-498-2071 or 301-296-5700. The program is accredited through June 30, 2030.

Program Length: 15.00 credits (60 semester hours)

FACULTY
Jennifer Kremkow - Program Director

Requirements

Simple Requisites

Program Requirements
Type
Completion Requirement

Communication Sciences and Disorders Courses

Complete ALL of the following Courses:

- CSD500 - Clinical Practicum I
- CSD501 - Clinical Practicum II
- CSD502 - Clinical Practicum III
- CSD503 - Practicum in Educ Settings Part Time
  OR CSD504 - Practicum Medical Settings Part-Time
- CSD505 - Intro to Professional ClinicalProcedure
- CSD507 - Research Methods in CSD
- CSD509 - Lang/LtrcyYngChldAssessTreat
- CSD510 - AdvStdySpeechSoundDisorder
- CSD515 - Language Disorders in Adults
- CSD516 - Lang/LitSchAdolscntDisordrs
- CSD518 - Cultural&Ling ResponsiveServices In CSD
- CSD519 - Neurology
- CSD521 - Dysphagia&Feeding Disorders
- CSD522 - Altrnativ/AugmntativCommun
- CSD525 - PublicSch Mthds Diverse Soc
- CSD526 - Voice Disorders
- CSD527 - Fluency Disorders
- CSD528 - MotorSpcDsordrsAcrosLifespn
- CSD530 - Master Thesis Spch-Lang Path
  OR

Practicum

Complete at least 1 of the following:

Half-Term

Complete ALL of the following Courses:

- CSD513 - PractcmEducSettng 1/2 Term
- CSD514 - PracMedical Settngs 1/2 Term

OR

Full-Term

Complete ANY of the following Courses:

- CSD523 - PractcmEducSettngs Full-Term
- CSD524 - PractcmMed Settngs Full-Term

CWR.MIN - Creative Writing Minor

General

Description
An English minor consists of a minimum of five credits (20 semester hours) to include ENG 201, ENG 220 and at least three additional English courses taken at the 300 or 400 level. See the English department program page for specific minors that can be selected and transcripted.
Program Information
Note: with permission of the department chair or writing program director, ENG 350 or ENG 410 can be substituted for an English elective credit if the topic is appropriate for the minor in question. ENG 468 cannot be counted as an elective toward the minor.

Any English minor may be used to satisfy the minor requirements for elementary education majors for State of Illinois licensure.

Requirements

Simple Requisites

Minor Requirements
Type
Completion Requirement

Creative Writing Courses

Fulfill ALL of the following requirements:

Required

Complete ALL of the following Courses:

- ENG201 - Comp III:Clsscl Rhet/Cont Discourse
- ENG220 - Principles of Literary Study

AND

Select 3

Complete at least 3 of the following courses:

- ENG312 - Writing Fiction
- ENG313 - Writing Poetry
- ENG317 - Introduction to Screenwriting
- ENG412 - Advanced Fiction Writing
- ENG417 - Adv Writing for Film & Television

CYB.BS - Cybersecurity BS

General

Description
Major in Cybersecurity (CYS) All Cybersecurity majors are required to take 13 CS and CYS course credits shown below. In addition to the CYS courses, cybersecurity concepts are integrated within many of the CS courses. Two Mathematics courses are required: MTH 151 and CS/MTH 302. A total of 15.0 course credits are required. Internships are not required, but highly recommended.

Outcome
1. Foundational Knowledge and Problem-Solving: Graduates will have a solid foundation in computing, mathematics, and theoretical principles, enabling them to analyze problems

Outcome
2. System Design and Implementation: Graduates will possess the skills to design, implement, and evaluate computer-based systems, processes, components, or programs to meet desired needs.

Outcome
3. Teamwork and Professional Responsibility: Graduates will be adept at functioning effectively in teams to achieve common goals, while also demonstrating a deep understanding of professional, ethical, legal, security, and social issues in computing.

Outcome
4. Communication and Global Impact Awareness: Graduates will be able to communicate effectively with a range of audiences, articulating technical information clearly and persuasively. They will also possess a critical understanding of the local and global impacts of computing on individuals, organizations, and society, fostering a responsible approach to technology deployment and innovation.

Outcome
5. Lifelong Learning and Adaptability: Graduates will recognize the importance of and engage in continuing professional development to stay abreast of emerging technologies and practices in computer science.

Outcome
6. Risk Assessment and Management: Students will be able to identify and assess cybersecurity risks, applying appropriate strategies and tools to mitigate threats and protect digital assets in various organizational environments.

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

Cybersecurity Major

Complete ALL of the following Courses:

- CS205 - LINUX
- CS220 - Computer Science I
- CS255 - Computer Science II
- CS310 - Computer Organization & Prog in Assembly
- CS318 - Obj-Oriented Design & Program Using C++
- CS320 - Data Structures & Algorithmic
- CS360 - Computer Network Systems
- CS420 - Operating Systems
- CS475 - Software Engineering
- CYS405 - Cryptography
- CYS409 - FoundatnInformationAssurance
- CYS415 - Ethical Hacking & PenetrationTesting
- MTH151 - Calculus I
- MTH302 - DiscreteMathII:Struct&Algorit
- IS424 - Intro System Analysis & Design

CYS 410 or CYS 412

Complete ANY of the following Courses:

- CYS410 - Cyber Crime Investigations & Forensics
- CYS412 - WirelessMobile&CloudSecurity

Complete Two College Level Mathematics Courses

Bachelor of Science
Exception: MTH 325, 326, 440 and 441 do not count toward this requirement

CYS.MIN - Cybersecurity Minor

General

Description
The cybersecurity minor provides a focused technical background in cybersecurity concepts and applications. All cybersecurity minors are required to complete six courses in computer science and cybersecurity as shown below, for a total of 6.0 course credits.

Outcome
1. Foundational Knowledge and Problem-Solving: Graduates will have a solid foundation in computing, mathematics, and theoretical principles, enabling them to analyze problems effectively and identify computing requirements for developing innovative solutions.

Outcome
2. Risk Assessment and Management: Students will be able to identify and assess cybersecurity risks, applying appropriate strategies and tools to mitigate threats and protect digital assets in various organizational environments.

Outcome
3. Lifelong Learning and Adaptability: Graduates will recognize the importance of and engage in continuing professional development to stay abreast of emerging technologies and practices in computer science.

Requirements

Simple Requisites

Cybersecurity Minor
Type
Completion Requirement

Required Coursework

Students seeking a minor in Cybersecurity must take CS 220, CS 255 and four 300/400 level CYS courses.

DAE.MIN - Dance Education Minor

General

Description
Minor in Dance Education
The minor in dance education is designed to prepare students for positions in secondary and middle schools as dance teachers and choreographers. The curriculum of the minor provides a strong foundation in a variety of core technique courses. Additionally, the program offers a historical perspective of dance and the methodology behind dance creation and its pedagogy. These skills are then applied to live dance productions.

Outcome
Demonstrate a fundamental knowledge of dance and its terminology.

Outcome
Demonstrate fundamental competency in the application of skills essential for entering the work force.

Outcome
Apply the process of research and analysis necessary to the creation of dance performance.

Outcome
Demonstrate accumulated knowledge and competencies through collaborative projects in dance.

Requirements

Simple Requisites

Minor Requirements
Type
Completion Requirement

Dance Education Core Courses

Complete ALL of the following Courses:
- THE221 - Dance Appreciation
- THE310 - Dance Ensemble
- THE410 - Teaching of Dance
- THE421 - Choreography of Dance

Dance Technique Courses

Complete at least 5 of the following courses:
- THE302 - Ballet
- THE303 - Jazz Dance
- THE304 - Tap Dance
- THE305 - Social Dance and Period Styles
- THE306 - Modern Dance Technique
- THE208 - Mid East Dance Thru Hist to Today
- THE402 - Advanced Ballet
- THE403 - Advanced Jazz
- THE404 - Advanced Tap
- THE405 - Adv Social Dance & Period Styl
- THE406 - Adv Modern Dance Technique

Of these 5 courses, students should take at least two dance technique courses for credit at the 400 level.

Additional Comments:
- Students seeking licensure should maintain a relationship with both the Department of Education and the
- Department of Theatre and Dance.

- In compliance with Illinois requirements for a secondary endorsement, the minor in dance education fulfills 24 semester hours in the dance endorsement area, at least 12 of which are at the 300/400 level.
- Students are required to complete minor courses with grades of C or higher, while maintaining 2.75 minor GPA, in accordance with Illinois licensure requirements.

DAN.MIN - Dance Minor

General

Description
The Dance Minor includes the development of techniques and skills across an range of dance styles. This minor can serve as an academic complement to a wide array of majors, including Musical Theatre, Music Performance, Physical Education, and many more.

Outcome
Demonstrate a fundamental knowledge of dance and its terminology.

Outcome
Demonstrate fundamental competency in the application of skills essential for entering the workforce.

Outcome
Apply the process of research and analysis necessary to the creation of dance performance.

Outcome
Demonstrate accumulated knowledge and competencies through collaborative projects in theatre and/or dance.

Requirements

Simple Requisites

Dance Minor
Type
Completion Requirement

Requirements

A minor in dance requires the successful completion of 5.0-5.50 credits in the dance curriculum.

Dance core

Complete ALL of the following Courses:
- THE221 - Dance Appreciation
  AND THE310 - Dance Ensemble
  AND THE421 - Choreography of Dance

Dance Technique Courses

Complete at least 5 of the following courses:
- THE302 - Ballet
- THE303 - Jazz Dance
- THE304 - Tap Dance
- THE305 - Social Dance and Period Styles
- THE306 - Modern Dance Technique
- THE208 - Mid East Dance Thru Hist to Today
- THE402 - Advanced Ballet

Students should take at least two of the technique courses at the 400 level.

DEFAULT.EL - System Assigned Academic Program/Level

General

Description
Allows stuendts to enroll in ELSA courses.

Requirements

DEFAULT.GR - System Assigned Academic Program/Level

General

Description
System assigned program

Requirements

DGA.BA - Animation Game Design BA

General

Description
For students with an interest in the digital arts associated with the ever-growing fields of game design and animation, this degree provides more coursework in those areas - ranging from animation principles and concept art to coding and 2D/3D game mechanics - and opportunities to collaborate with the art and computer science departments.

Outcome
Students will be able to analyze, categorize, and critique various types of digital media.

Outcome
Students will be able to design and create their own pieces of digital media in the areas of game and/or animation art.

Outcome
Students will be able to review their own work and determine which areas within the vast range of digital media topics are of most interest to them and execute a Capstone project that will help them reach a career in their desired media area.

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

Game and Animation Art Major

These are the core requirements for the Game and Animation Art major.

Complete ALL of the following Courses:

- ART113 - Intro to Art Software
- DM305 - Introduction to Digital Cinema
- DM298 - StoryStructures:LitFilmMedia
- DM299 - Digital Storytelling
- DM317 - Introduction to Screenwriting
- DM201 - Coding for Creatives
- DM313 - Ethics in Media
- DM499 - Digital Media Capstone & Portfolio Dev

Electives - Two Required

Complete at least 2 of the following courses:

- ART216 - Intro to Graphic Design
- ART316 - Graphic Design I
- ART416 - Advanced Graphic Design
- ART226 - Typography Studio
- ART325 - Visual Communication
- BUS337 - Social Media Strategy
- BUS338 - Digital Inbound Marketing Strategy
- COM497 - Portfolio Development
- CS220 - Computer Science I
- DM497 - Adv Film & Media Production
- DM295 - Introduction to Film Studies
- DM301 - Cinema and the Soul
- DM450 - Cinematography
- DM492 - Independent Study
- MUS290 - Digital Music I
- MUS291 - Digital Music II
- MUS332 - Production of Sound Recordings
- MUS333 - Audio Engineering
- PHL309 - Philosophy of Art
- WL309 - World Cinema
- CS315 - Web Design & Development
- WL315 - Study Abroad Travel
- DM250 - Computer 3D Modeling
- DM296 - Digital Animation Principles
- DM398 - Game & Animation Concept Art
- CGE303 - Computer Game Design
- CGE401 - 3 Dimensnl Comptr Game Dsgn

May also choose any other media elective as approved by advisor.

Tracks for Game Design OR Animation

Students should choose between either DM250/DM296/DM398 OR DM302/CGE303/CGE401, depending on their focus in Animation or Game Design.

Complete at least 3 of the following courses:

- DM250 - Computer 3D Modeling
- DM296 - Digital Animation Principles
- DM398 - Game & Animation Concept Art
- CGE303 - Computer Game Design
- CGE401 - 3 Dimensnl Comptr Game Dsgn

DM.BA - Digital Media BA

General

Description
This interdisciplinary degree in Digital Media provides students with a core set of digital media production skills, software proficiencies, media history and theory, and knowledge of various narrative and story structures. Students will take courses in digital audio and video production, digital animation and game design, and writing for film and television. All students will also complete a digital media capstone project based on their specific area of interest within the various fields of digital media and the cinematic arts.

Outcome
Students will be able to analyze, categorize, and critique various types of digital media.

Outcome
Students will be able to design and create their own pieces of digital media in one or more of the following areas: audio production, video production, game design, animation, and/or screenwriting.

Outcome
Students will be able to review their own work and determine which areas within the vast range of digital media topics are of most interest to them and execute a Capstone project that will help them reach a career in their desired media area.

Program Information
The B.A. in Digital Media is designed for students who wish to pursue a path that combines art and technology, allowing for both artistic expressions as well as preparation for a variety of digital media careers. All majors take a core set of interdisciplinary courses and a final Capstone course, as well as several electives depending on their focus and interests.

Digital media is playing an ever-increasing role in our daily lives. Our lives are saturated with it, from the content on our mobile devices to the websites we visit, the films and shows we watch to the digital games we play. New developments and advances are being made at a rapid pace in areas such as virtual reality and human-computer interaction. The production of all of this digital content opens up numerous employment opportunities as well as outlets for artistic expression.

This degree helps prepare students for the digital media world. The core transferable skills learned in the degree will also make the students more employable even in non-media focused jobs, as employers are increasingly incorporating digital media related tasks into job roles that previously required no media knowledge. This degree also creates opportunities for students who have an interest in pursuing the cinematic arts to do so in a way that fosters their original creative voice but also provides them with practical skill sets. This combination opens up the range of employment opportunities to students after graduation.

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

Digital Media Major

Complete ALL of the following Courses:

- ART113 - Intro to Art Software
- MUS290 - Digital Music I
- DM296 - Digital Animation Principles
- DM298 - StoryStructures:LitFilmMedia
- DM299 - Digital Storytelling
- DM305 - Introduction to Digital Cinema
- DM317 - Introduction to Screenwriting
- DM301 - Cinema and the Soul
- DM499 - Digital Media Capstone & Portfolio Dev

Electives
Type
Completion Requirement

Digital Media Electives - Choose Four

Complete at least 4 of the following courses:

- ART216 - Intro to Graphic Design
- ART226 - Typography Studio
- ART316 - Graphic Design I
- ART325 - Visual Communication
- ART416 - Advanced Graphic Design
- BID385 - BUS/COMCapitlThruDocumntFilm
- BUS337 - Social Media Strategy
- BUS338 - Digital Inbound Marketing Strategy
- CGE303 - Computer Game Design
- CS315 - Web Design & Development
- CGE355 - Computer Animatn & Simulatn
- CGE401 - 3 Dimensnl Comptr Game Dsgn
- CGE460 - Computer Graphics
- COM260 - Media Writing
- COM305 - News Reporting
- COM374 - Radio Practicum
- COM405 - Digital Journalism
- COM420 - Ethics in Communication
- COM497 - Portfolio Development
- CS312 - Ethics in Digital Technology
- CS315 - Web Design & Development
- DM250 - Computer 3D Modeling
- DM295 - Introduction to Film Studies
- DM398 - Game & Animation Concept Art
- DM399 - Introduction to Video Editing
- DM417 - Advanced Writing for Film & Television
- DM450 - Cinematography
- DM492 - Independent Study
- DM497 - Adv Film & Media Production
- ENG230 - Rdgs in Race, Class & Gender
- MUS291 - Digital Music II
- MUS332 - Production of Sound Recordings
- MUS333 - Audio Engineering
- PHL309 - Philosophy of Art
- REL252 - Movies and God
- WL309 - World Cinema
- WL315 - Study Abroad Travel
- DM201 - Coding for Creatives
- MUS355 - Film Scoring

At least two electives must be 300-level or higher.

DM.BS - Digital Media BS

General

Description
Major in Digital Media This interdisciplinary degree in digital media provides students with a core set of digital media production skills, software proficiencies, media history and theory, and knowledge of various narrative and story structures. Within the degree, students will focus on one of three areas: digital audio and video production, digital animation and game design, or writing for film and television. All students will also study ethics in media and technology as well as complete a digital media capstone which will include a personal portfolio that will be hosted on a website. The B.A. in Digital Media is designed for students who wish to pursue a path that combines art and technology allowing for both artistic expressions as well as preparation for a variety of digital media careers. All majors take a core set of interdisciplinary courses and then select one of the three focus areas: digital audio and video production, digital animation and game design, or writing for film and television. Digital media is playing an ever-increasing role in our daily lives. Our lives are saturated with it, from the content on our mobile devices to the websites we visit, the films and shows we watch to the digital games we play. New developments and advances are being made at a rapid pace in areas such as virtual reality and human-computer interaction. The production of all of this digital content opens up numerous employment opportunities as well as outlets for artistic expression. This degree helps prepare students for the digital media world, allowing them to focus on a specific field of interest. The core transferable skills learned in the degree will also make the students more employable even in nonmedia focused jobs, as employers are increasingly incorporating digital media related tasks into job roles that previously required no media knowledge. This degree also creates opportunities for students who have an interest in pursuing the cinematic arts to do so in a way that fosters their original creative voice but also provides them with practical skill sets. This combination opens up the range of employment opportunities to students after graduation.

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

Digital Media Major

Complete ALL of the following Courses:

- ART113 - Intro to Art Software
- MUS290 - Digital Music I

- DM296 - Digital Animation Principles
- DM298 - StoryStructures:LitFilmMedia
- DM299 - Digital Storytelling
- DM305 - Introduction to Digital Cinema
- DM317 - Introduction to Screenwriting
- DM301 - Cinema and the Soul
- DM499 - Digital Media Capstone & Portfolio Dev

Electives
Type
Completion Requirement

Four Digital Media Electives

Complete at least 4 of the following courses:

- ART113 - Intro to Art Software
- ART216 - Intro to Graphic Design
- ART226 - Typography Studio
- ART316 - Graphic Design I
- ART325 - Visual Communication
- ART416 - Advanced Graphic Design
- BID385 - BUS/COMCapitlThruDocumntFilm
- BUS337 - Social Media Strategy
- BUS338 - Digital Inbound Marketing Strategy
- CGE303 - Computer Game Design
- CGE355 - Computer Animatn & Simulatn
- CGE401 - 3 Dimensnl Comptr Game Dsgn
- CGE460 - Computer Graphics
- COM260 - Media Writing
- COM305 - News Reporting
- COM374 - Radio Practicum
- COM405 - Digital Journalism
- COM420 - Ethics in Communication
- COM497 - Portfolio Development
- CS312 - Ethics in Digital Technology
  OR DM312 - Ethics in Digital Technology
- CS315 - Web Design & Development
- DM250 - Computer 3D Modeling
  OR
- DM295 - Introduction to Film Studies
  OR ENG295 - Introduction to Film Studies
- DM296 - Digital Animation Principles
  OR ART296 - Digital Animation Principles
- DM317 - Introduction to Screenwriting
  OR ENG317 - Introduction to Screenwriting
- DM301 - Cinema and the Soul
- DM305 - Introduction to Digital Cinema
  OR CGE205 - Intro to Digital Cinema
- DM398 - Game & Animation Concept Art
  OR ART398 - Game & Animation Concept Art (Inactive)
- DM399 - Introduction to Video Editing
  OR
- DM417 - Advanced Writing for Film & Television
  OR ENG417 - Adv Writing for Film & Television
- DM450 - Cinematography
- DM492 - Independent Study
- DM497 - Adv Film & Media Production
  OR CGE497 - Adv Film & Media Production
- ENG230 - Rdgs in Race, Class & Gender
- MUS290 - Digital Music I
- MUS291 - Digital Music II
- MUS332 - Production of Sound Recordings
- MUS333 - Audio Engineering
- PHL309 - Philosophy of Art
- REL252 - Movies and God
- WL309 - World Cinema

(2 courses at 300 level or higher)

Bachelor of Science Option
Type
Completion Requirement

Math Requirement

Complete two college-level mathematics courses.

DM.MIN - Digital Media Minor

General

Description
The minor in Digital Media is designed for students who wish to learn tools, techniques and skills for the creation of digital media. Students can then customize their studies through a comprehensive set of electives. The coursework provides them with opportunities for artistic expression while broadening their career options by teaching them to be critical and effective content creators. Recent studies have shown that possessing digital media skills increases employability in non-media fields, especially in the humanities.

Outcome
Students will be able to design and create content in multiple types of digital media.

Outcome
Students will be able to analyze the narrative structures of films and other media.

Outcome
Students will reflect on and assess their own work and that of others, in order to develop their creative voice.

Program Information
This interdisciplinary minor in digital media provides students with a core set of digital media production skills, software proficiences, media history and theory, and knowledge of various narrative and story structures. Students can then customize their digital media studies through a comprehensive set of electives.

Digital media is playing an ever increasing role in our daily lives. Our lives are saturated with it, from the content on our mobile devices, to the websites we visit, to the films and shows we watch, to the digital games we play. As our world becomes increasingly digital, this degree enables students pursuing any discipline to acquire useful media production and analysis skills, tools, and techniques. Employers in non-media fields increasingly expect employees to be able to create various types of digital media content; this minor will help students become better prepared for their careers of choice.

Requirements

Simple Requisites

Minor Requirements
Type
Completion Requirement

Required Courses

Complete ALL of the following Courses:

- DM298 - StoryStructures:LitFilmMedia
- DM299 - Digital Storytelling

Electives
Type
Completion Requirement

Electives - 3 Required

Complete at least 3 of the following courses:

- ART113 - Intro to Art Software
- ART216 - Intro to Graphic Design
- ART226 - Typography Studio
- ART316 - Graphic Design I
- ART325 - Visual Communication
- ART416 - Advanced Graphic Design
- BID385 - BUS/COMCapitlThruDocumntFilm
- BUS337 - Social Media Strategy
- BUS338 - Digital Inbound Marketing Strategy
- CGE303 - Computer Game Design
- CGE401 - 3 Dimensnl Comptr Game Dsgn
- CS315 - Web Design & Development
- CS312 - Ethics in Digital Technology
- CGE355 - Computer Animatn & Simulatn
- CGE401 - 3 Dimensnl Comptr Game Dsgn
- CGE460 - Computer Graphics
- COM260 - Media Writing
- COM305 - News Reporting
- COM405 - Digital Journalism
- COM420 - Ethics in Communication
- COM374 - Radio Practicum
- COM497 - Portfolio Development
- DM250 - Computer 3D Modeling
- DM398 - Game & Animation Concept Art
- DM296 - Digital Animation Principles
- DM295 - Introduction to Film Studies
- DM317 - Introduction to Screenwriting
- DM301 - Cinema and the Soul
- DM305 - Introduction to Digital Cinema
- DM399 - Introduction to Video Editing
- DM450 - Cinematography
- DM451 - The Art of Music Video Production
- DM497 - Adv Film & Media Production
- DM201 - Coding for Creatives
- DM313 - Ethics in Media
- MUS355 - Film Scoring
- WL315 - Study Abroad Travel
- MUS290 - Digital Music I
- MUS291 - Digital Music II
- MUS332 - Production of Sound Recordings
- MUS333 - Audio Engineering
- PHL309 - Philosophy of Art
- WL309 - World Cinema
- REL252 - Movies and God
- ENG230 - Rdgs in Race, Class & Gender

May also choose any other media elective as approved by advisor.

DMC.BA - Digital Marketing Communication BA

General

Description
The Digital Marketing Communication (DMC) major provides students with a hands-on education in digital marketing and interactive campaigns. DMC students will learn to use innovative digital marketing tactics to engage consumers and develop effective, creative, integrated campaigns across traditional, digital, mobile and social channels. Persuasive writing and presentation skills, media planning tactics, advertising strategy and public relations theory will be applied across various channels and stakeholders. Digital Marketing Communication students will have opportunities to develop their professional portfolios through hands-on, realistic client projects, case studies, and internships in preparation for a range of marketing and communication careers.

Outcome
Describe the Communication discipline and its central questions.

Outcome
Employ Communication theories, perspectives, principles, and concepts.

Outcome
Engage in Communication inquiry.

Outcome
Create messages appropriate to the audience, purpose, and context.

Outcome
Apply ethical communication principles and practices.

Outcome
Articulate the connection between communication and culture.

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

Digital Marketing Communication Major

Complete ALL of the following Courses:

- ART113 - Intro to Art Software
- ART325 - Visual Communication
- BUS230 - Principles of Marketing
- BUS337 - Social Media Strategy
- BUS338 - Digital Inbound Marketing Strategy
- BUS434 - Advertisng&integrated Marketing Campaign
- COM219 - Intro to Public Relations
- COM260 - Media Writing
- COM316 - Communication Theory
- COM490 - Senior Seminar: Topics in Communication
- COM498 - Internship: Capstone
- CS315 - Web Design & Development

Also required:

COM 319 or ENG 303

Two electives required

Complete at least 2 of the following courses:

- ART125 - Design Studio
- ART216 - Intro to Graphic Design
- ART226 - Typography Studio
- ART316 - Graphic Design I
- BID385 - BUS/COMCapitlThruDocumntFilm
- BUS330 - Consumer Behavior
- BUS352 - Entrepreneurship
- BUS470 - Seminar in Special Topics
- COM315 - Intercultural Communication
- COM317 - Persuasive Communication
- COM321 - Case Studies In Crisis Communication
- COM328 - Event Management
- COM419 - Bus&ProfesComOnlineContexts
- COM420 - Ethics in Communication
- COM468 - Internship
- DM299 - Digital Storytelling
- ENG403 - Adv Professional & Multimedia Writing
- COM413 - Public Address and Advocacy

DMC.BS - Digital Marketing Communication BS

General

Description

The Digital Marketing Communication (DMC) major provides students with a hands-on education in digital marketing and interactive campaigns. DMC students will learn to use innovative digital marketing tactics to engage consumers and develop effective, creative, integrated campaigns across traditional, digital, mobile and social channels. Persuasive writing and presentation skills, media planning tactics, advertising strategy and public relations theory will be applied across various channels and stakeholders. Digital Marketing Communication students will have opportunities to develop their professional portfolios through hands-on, realistic client projects, case studies, and internships in preparation for a range of marketing and communication careers.

Outcome
Describe the Communication discipline and its central questions.

Outcome
Employ Communication theories, perspectives, principles, and concepts.

Outcome
Engage in Communication inquiry.

Outcome
Create messages appropriate to the audience, purpose, and context.

Outcome
Apply ethical communication principles and practices.

Outcome
Articulate the connection between communication and culture.

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

Digital Marketing Communication Major

Complete ALL of the following Courses:

- ART113 - Intro to Art Software
- ART325 - Visual Communication
- BUS230 - Principles of Marketing
- BUS337 - Social Media Strategy
- BUS338 - Digital Inbound Marketing Strategy
- BUS434 - Advertisng&integrated Marketing Campaign
- COM219 - Intro to Public Relations
- COM260 - Media Writing
- COM316 - Communication Theory
- COM490 - Senior Seminar: Topics in Communication
- COM498 - Internship: Capstone
- CS315 - Web Design & Development

Also required:

COM 319 or ENG 303

Two electives required

Complete at least 2 of the following courses:

- ART125 - Design Studio
- ART216 - Intro to Graphic Design
- ART226 - Typography Studio
- ART316 - Graphic Design I
- BID385 - BUS/COMCapitlThruDocumntFilm
- BUS330 - Consumer Behavior
- BUS352 - Entrepreneurship

- BUS470 - Seminar in Special Topics
- COM315 - Intercultural Communication
- COM317 - Persuasive Communication
- COM321 - Case Studies In Crisis Communication
- COM328 - Event Management
- COM419 - Bus&ProfesComOnlineContexts
- COM420 - Ethics in Communication
- COM468 - Internship
- DM299 - Digital Storytelling
- ENG403 - Adv Professional & Multimedia Writing
- COM413 - Public Address and Advocacy

Bachelor of Science Option
Type
Completion Requirement

Math Requirement

Complete two college-level mathematics courses.

DMC.MIN - Digital Marketing Communication Minor

General

Description
This minor consists of five course credits offering a career-oriented overview of Digital Marketing Communication. Students will earn certifications and experience.

Outcome
Create messages appropriate to the audience, purpose, and context.

Outcome
Apply ethical communication principles and practices.

Requirements

Simple Requisites

DMC Minor
Type
Completion Requirement

Required Core Courses

Complete ALL of the following Courses:
- ART113 - Intro to Art Software
- BUS230 - Principles of Marketing
- BUS337 - Social Media Strategy
- BUS338 - Digital Inbound Marketing Strategy
- COM219 - Intro to Public Relations

Choose One Elective

Complete at least 1 of the following courses:
- ART325 - Visual Communication
- BUS434 - Advertisng&integrated Marketing Campaign
- COM260 - Media Writing
- COM319 - Business & Professional Communication
- COM468 - Internship
- ENG303 - Business & Technical Writing

DMP.BA - Audio and Video Production BA

General

Description
For students who want to go deeper into the areas of audio and video production, this digital media degree provides advanced coursework allowing the students more hands on experience with video and audio equipment.

Outcome
Students will be able to analyze, categorize, and critique various types of digital media.

Outcome
Students will be able to design and create their own pieces of digital media in the areas of audio and media production.

Outcome
Students will be able to review their own work and determine which areas within the vast range of digital media topics are of most interest to them and execute a Capstone project that will help them reach a career in their desired media area .

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

Audio and Video Production Major

Complete ALL of the following Courses:
- ART113 - Intro to Art Software
- DM298 - StoryStructures:LitFilmMedia
- DM299 - Digital Storytelling
- DM301 - Cinema and the Soul
- DM305 - Introduction to Digital Cinema
- MUS290 - Digital Music I
- DM313 - Ethics in Media
- DM317 - Introduction to Screenwriting
- DM399 - Introduction to Video Editing
- DM450 - Cinematography
- DM497 - Adv Film & Media Production
- DM499 - Digital Media Capstone & Portfolio Dev

- MUS332 - Production of Sound Recordings

Electives
Type
Completion Requirement

Electives - One Required

Complete at least 1 of the following courses:

- ART216 - Intro to Graphic Design
- ART226 - Typography Studio
- ART250 - Thematics and Selected Topics
  OR ART350 - Thematics and Selected Topics
- ART325 - Visual Communication
- BID385 - BUS/COMCapitlThruDocumntFilm
- BUS337 - Social Media Strategy
- BUS338 - Digital Inbound Marketing Strategy
- COM260 - Media Writing
- COM374 - Radio Practicum
- COM411 - Media Seminar
- COM405 - Digital Journalism
- COM497 - Portfolio Development
- CS315 - Web Design & Development
- DM295 - Introduction to Film Studies
  OR ENG295 - Introduction to Film Studies
- DM296 - Digital Animation Principles
  OR ART296 - Digital Animation Principles
- DM398 - Game & Animation Concept Art
  OR ART398 - Game & Animation Concept Art (Inactive)
- DM417 - Advanced Writing for Film & Television
  OR ENG417 - Adv Writing for Film & Television
- DM492 - Independent Study
- MUS291 - Digital Music II
- MUS333 - Audio Engineering
- THE238 - Introduction to Design
- THE350 - Play Analysis
- PHL309 - Philosophy of Art
- REL252 - Movies and God
- WL309 - World Cinema
- DM322 - Media For Social Change
- DM201 - Coding for Creatives
- WL315 - Study Abroad Travel
- MUS355 - Film Scoring

May also choose any other media elective as approved by advisor.

DMW.BA - Writing for the Cinematic Arts Ba

General

Description
For students with a strong interest in writing, this degree not only provides digital media skills but gives students a deeper understanding of story structure and the skills to write and develop stories for film and television.

Outcome
Students will be able to analyze, categorize, and critique various types of digital media.

Outcome
Students will be able to design and create their own pieces of digital media in the area of screenwriting.

Outcome
Students will be able to review their own work and determine which areas within the vast range of digital media topics are of most interest to them and execute a Capstone project that will help them reach a career in their desired media area.

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

Writing for Film and Television - Major Requirements

Complete ALL of the following Courses:

- ART113 - Intro to Art Software
- COM260 - Media Writing
- DM298 - StoryStructures:LitFilmMedia
- DM299 - Digital Storytelling
- DM295 - Introduction to Film Studies
- DM301 - Cinema and the Soul
- DM305 - Introduction to Digital Cinema
- DM313 - Ethics in Media
- DM317 - Introduction to Screenwriting
- DM417 - Advanced Writing for Film & Television
- DM399 - Introduction to Video Editing
- DM499 - Digital Media Capstone & Portfolio Dev

Electives - One Required

Complete at least 1 of the following courses:

- ART216 - Intro to Graphic Design
- ART226 - Typography Studio
- ART250 - Thematics and Selected Topics
- ART350 - Thematics and Selected Topics
- ART325 - Visual Communication
- BID385 - BUS/COMCapitlThruDocumntFilm
- BUS337 - Social Media Strategy
- BUS338 - Digital Inbound Marketing Strategy
- COM305 - News Reporting
- COM329 - Media & Cultural Identity
- COM405 - Digital Journalism
- COM411 - Media Seminar
- COM497 - Portfolio Development
- CS315 - Web Design & Development
- DM296 - Digital Animation Principles
- DM301 - Cinema and the Soul
- DM398 - Game & Animation Concept Art
- DM450 - Cinematography
- DM492 - Independent Study
- DM497 - Adv Film & Media Production

- ENG230 - Rdgs in Race, Class & Gender
- MUS290 - Digital Music I
- MUS291 - Digital Music II
- MUS332 - Production of Sound Recordings
- MUS333 - Audio Engineering
- PHL309 - Philosophy of Art
- REL252 - Movies and God
- THE350 - Play Analysis
- WL309 - World Cinema
- DM322 - Media For Social Change
- DM201 - Coding for Creatives
- WL315 - Study Abroad Travel
- MUS355 - Film Scoring

Additional Comments:
May also choose any other media elective as approved by advisor.

Creative Writing Elective
Type
Completion Requirement

Creative Writing Elective - One Required

Students must complete one of the following courses, or another creative writing course as approved by advisor.

Complete at least 1 of the following courses:

- ENG201 - Comp III:Clsscl Rhet/Cont Discourse
- ENG220 - Principles of Literary Study
- ENG312 - Writing Fiction
- ENG313 - Writing Poetry

DS.CP - Graduate Certificate in Data Science and Analytics

General

Description
Elmhurst's graduate certificate in data science consists of five existing courses from the master's in data science program, three core courses and two electives chosen to meet the student's educational goals. Students who complete the five courses for credit will receive the graduate certificate in data science. They may complete an additional five courses to earn a master's degree in data science.

Program Information

FACULTY
Jim Kulich - Program Director

Requirements

Simple Requisites

Certificate Requirements
Type
Completion Requirement

Data Science and Analytics Courses

If a student chooses to complete the master's in data science, five additional graduate-level courses are required and must include MDS 535 MDS 556, MDS 564, and MDS 576.

Complete ALL of the following Courses:

- MDS546 - Methods of Exploratory Data Analysis
- MDS523 - Data Warehousing
- MDS534 - Introduction to Predictive Modeling

• Two additional elective courses selected from the MDS program

DS.MS - Data Science and Analytics MS

General

Description
The Master of Science in Data Science and Analytics curriculum integrates the analytical, computational, visualization, automation, and business skills that are essential for success in today's practice of data science. This approach is designed to provide students with an exceptionally strong, comprehensive foundation of knowledge to practice in the field.

Outcome
Develop a comprehensive understanding of the analytical techniques and software tools necessary to generate information gain from structured and unstructured data of many types

Outcome
Develop, through repeated practice, the ability to design and complete data science projects using the CRISP protocol to obtain actionable insights from complex data

Outcome
Develop the ability to use data science to add significant value and effect change via evidence-based decision making in an organizational setting by diving deeply into a chosen area of data science application

Outcome
Develop the ability to continuously learn and adapt to new data science methods and technologies as they emerge, with attention to associated ethical implications as well as impacts on local and global societies

Program Information
The Elmhurst University MDS degree provides a student with both a strong theoretical base and a wide range of practical experience in developing actionable models across modern structured and unstructured data environments.

Students systematically consider the theoretical underpinnings of a wide range of predictive modeling techniques, learn approaches to effective data preparation and management, and gain hands-on experience using powerful data

mining software tools and programming languages. Most courses are project-based, allowing students to tailor their learning to meet their individual needs.

The Elmhurst University MDS curriculum is updated regularly with new methodologies and software technologies that are widely used throughout the industry.

Admission

The MDS program welcomes applicants from all industries and backgrounds who hold an undergraduate degree in any major from a regionally accredited institution. Please note that a basic course in statistics (with a grade of C or better) and prior coursework in programming are prerequisites to the program. Prerequisites may be completed as part of the student's undergraduate coursework or transferred from another college or university. Noncredit options for meeting prerequisites are also available. In addition, students must have at least one year of professional work experience. Program directors reserve the right to waive these requirements based on the required admission interview.

Program Format

The MDS program is a part-time program that can be completed in two years. The program is offered fully online with classes that are flexible enough to accommodate the schedules of professionals with work and family commitments. Hybrid versions of courses with on-campus components are available to meet the needs of international students. Students complete coursework through sequential eight-week sessions.

Requirements

Students are required to maintain a 3.00 cumulative grade point average throughout the program. Students with less than a 3.00 grade-point average will be placed on probation for one term to allow them to raise their grade-point average. Students with less than a 3.00 grade-point average after one probationary term will be dismissed from the program. Grades of D or F will not be applied toward the program's graduation requirements.

Program Length: 7.50 credits (30 semester hours)

FACULTY
James Kulich - Program Director

Requirements

Simple Requisites

Program Requirements
Type
Completion Requirement

Data Science and Analytics Courses

Complete ALL of the following Courses:

- MDS546 - Methods of Exploratory Data Analysis
  AND MDS523 - Data Warehousing
  AND MDS534 - Introduction to Predictive Modeling
  AND MDS560 - Advanced Enterprise Analytics
  AND MDS561 - Data Governance & Project Management
  AND MDS575 - Generative and Applied AI

1. Four additional elective courses from the MDS program or another Elmhurst University graduate program are required
2. Students completing another master's program may add MDS as a second master's by completing the six MDS core courses. If any MDS core courses are taken previously as part of an area of specialization in another master's program, additional MDS courses will be substituted with approval from the program director to bring the total to six additional MDS courses.

DUAL.PPH - Dual Program Midwestern University PPH

General

Description
*Dual Acceptance Program with Midwestern Univ- Chicago of Pharmacy

Requirements

EC.CP - Graduate Certificate in Executive Coaching

General

Description
This Executive Coaching Certificate is a professional development process that aims to help leaders and executives improve their effectiveness, performance, and overall leadership skills to coach. We work with professionals to understand how to develop specific goals, enhance self-awareness, develop strategic thinking, and build on strengths. This certificate would train on coaching in the different styles, theories, and forms of coaching. We would work on building the foundations of emotional intelligence and do activities that focus on strength-based coaching. The certificate would cover interviewing skills, active listening, understanding the importance of collecting data, building rapport and trust, and learning to identify assessments that would work for individual coaching.

Outcome
Examine the foundational principles of coaching theory while fostering the ability to thoughtfully apply a range of coaching models in practice.

Outcome
Demonstrate ethical practices while cultivating a coaching mindset essential for effective executive coaching.

Outcome
Co-create relationships by practicing the different coaching models with partners, community members, and relevant stakeholders.

Outcome
Facilitate and enhance client learning and growth by employing practical theoretical coaching practices.

Outcome
Practice effective communication to support client self-expression and development by practicing ethical coaching practices that are customized towards the professional

Program Information
This Executive Coaching Certificate is a professional development process that aims to help leaders and executives improve their effectiveness, performance, and overall leadership skills to coach executives on strategy, management, and executive presence. We work with professionals to understand how to develop specific goals, enhance self-awareness, develop strategic thinking, and build on strengths to help executive expand their emotional intelligence, social skills, and business acumen.

This certificate would train on coaching in the different styles, theories, and forms of coaching to understand how to customize the coaching practice for the client. We would work on building the foundations of emotional intelligence and do activities that focus on strength-based coaching so that the professionals can understand how to coach in an experiential learning format. We would focus on applying theory to practical experience to transform knowledge into actionable items. Professionals would understand how to read reports, analyze assessment data, and provide feedback in a concrete, applicable manner.

The certificate would cover interviewing skills, active listening, understanding the importance of collecting data, building rapport and trust, and learning to identify assessments that would work for individual coaching.

Requirements

Simple Requisites

Certificate Requirements
Type
Completion Requirement

Executive Coaching Courses

Complete ALL of the following Courses:
- BUS501 - Introduction to Coaching
- BUS502 - Individual Assessment and Interviewing
- BUS503 - Peer Coaching
- BUS505 - Advance Coaching II
- BUS506 - Executive Coaching Practical Application

ECO.BA - Economics BA

General

Description
Economics The fundamental goals of courses in economics are to develop an understanding of the operation of the economy and the ability to analyze economic problems. To accomplish these objectives, courses in economics describe the major economic institutions and the theory that explains their operations. Major attention is given to the problems of efficiency in the allocation of resources, full employment, price stability and economic growth.

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

Economics Major

Earn a minimum GRADE of C in the following:
- BUS261 - Financial Accounting
- ECO210 - Principles of Microeconomics
- ECO211 - Principles of Macroeconomics
- ECO414 - Microeconomics
- ECO416 - Macroeconomics
- MTH126 - Business Calculus
- MTH345 - Elementary Statistics

Also required:

Two additional upper level courses in Economics

ECO.BS - Economics BS

General

Description
Economics The fundamental goals of courses in economics are to develop an understanding of the operation of the economy and the ability to analyze economic problems. To accomplish these objectives, courses in economics describe the major economic institutions and the theory that explains their operations. Major attention is given to the problems of efficiency in the allocation of resources, full employment, price stability and economic growth.

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

Economics Major

Earn a minimum GRADE of C in the following:
- BUS261 - Financial Accounting
- ECO210 - Principles of Microeconomics
- ECO211 - Principles of Macroeconomics
- ECO414 - Microeconomics
- ECO416 - Macroeconomics
- MTH126 - Business Calculus
- MTH345 - Elementary Statistics

Also required: Two additional upper level courses in economics

Bachelor of Science Option
Type
Completion Requirement

Math Requirement

Complete two college-level mathematics courses.

ECO.MIN - Economics Minor

General

Requirements

Simple Requisites

Minor Requirements
Type
Completion Requirement

Economics

Fulfill ALL of the following requirements:

Principles

Complete ALL of the following Courses:

- ECO210 - Principles of Microeconomics
- ECO211 - Principles of Macroeconomics

AND

300/400 level

Three upper-level courses in economics

A grade of C or better is required in all courses taken for a minor in economics.

EDU.MED - Teacher Leadership ME

General

Description
This master's program is designed for experienced teachers from the pre-kindergarten to the high school levels, with professional educator licenses in early childhood, elementary, secondary, middle school, special education and K-12 specialty areas.

Outcome
Acquire skills for group facilitation and collaboration with a variety of stakeholders, including the students in their classrooms

Outcome
Participate in the development and evaluation of evidence and research-based practices through critical inquiry

Outcome
Develop self-reflective and critical thinking skills that promote innovative special education practice and learning using a variety of perspectives

Program Information
The program's purpose is to advance classroom teachers' knowledge, skills and thinking in ways that will enhance their practice and enable them to become change agents and leaders within their school communities and the profession. Teachers are engaged as critical thinkers in studying the current issues and practices in the field of education as they apply best practices and develop innovative projects for their classrooms and school communities. Program courses are constantly updated and differentiated to meet the needs of the teachers through focused projects and interdisciplinary study.

The program goals form the framework for teachers to master the knowledge and skills needed to serve as a teacher leader and catalyst for change, in the classroom and beyond, in roles such as:

- Curriculum Specialist
- Instructional Coach
- Mentor Teacher
- Department Chair, Team Leader or Lead Teacher
- Content Specialist
- Program Leader
- Supervisor

Teacher Leader Endorsement

The Teacher Leader Endorsement is earned on an Illinois Professional Educator License as one of three school leadership endorsements (teacher leader, principal and superintendent) and requires a master's degree. Teachers with a master's degree may complete the 18-semester-hour endorsement coursework. Teachers without a master's degree complete the endorsement as part of a 34-semester-hour M.Ed. All students in the program complete coursework in assessment, collaboration, school culture, professional development, leadership, advocacy and research. The 75-hour clinical requirement for the teacher leader endorsement is distributed across courses. Students may include elective coursework toward additional endorsements (special education, ESL or bilingual).

Program Format

Courses are offered in the evening from 6:00 to 8:30 p.m. during the Fall and Spring Terms, and in three-week formats during the summer from mid-June through July. All courses are offered in a hybrid format, meeting alternately on campus and online. Graduate students may enroll in two classes at a time to complete the 34-hour program in 24 months of full-time study, or take up to four years to finish.

Transfer credit may be used for up to two course requirements. The maximum transfer credit of six semester hours is not automatic, and accepted courses must receive written approval and have been completed prior to the graduate student beginning the program. Graduate students enroll in a capstone seminar in the final Fall or Spring Term prior to graduation. During this seminar, graduate students complete and present their master's projects.

Graduate students must maintain a 3.0 GPA requirement for all coursework and earn C's or higher in all coursework.

Approved for the State of Illinois Teacher Leader Endorsement (Provided the supervisory endorsement is not required pursuant to 23 Ill. Adm. Code 1.705 (Requirements for Supervisory and Administrative Staff) for the position to which the teacher leader is assigned).

Program Length: 8.50 credits (34 semester hours)

FACULTY
Beverly Troiano - Program Director

Requirements

Simple Requisites

Program Requirements
Type
Completion Requirement

Teacher Leader Courses

Complete ALL of the following Courses:

- MTL521 - Prof/Community Collaboration
- MTL528 - Issues in Teacher Leadership
- MTL536 - Linking Assessmnt to Lrning
- MTL538 - Improvng Sch Climate & Lrng
- MTL597 - Promot Professionl Developmnt Sch Improv
- MTL598 - Seminar in Leadership

Research Course

Complete ANY of the following Courses:

- MTL591 - Action Research in Education
- MTL592 - ActnRsrch&ApplBilingualMthds

Advocacy Course

Complete ANY of the following Courses:

- MTL532 - Tchng in the Diverse Classrm
- MTL542 - School Law for Leadership
- MTL544 - Crss-Cultur Studies Tch Eng Lang Lrners

Electives
Type
Completion Requirement

Four Elective Courses

Complete at least 4 of the following courses:

- MTL514 - Char Lrnrs with Disabilities
- MTL524 - Ed AssmtProcess&LrnrsDisabil
- MTL532 - Tchng in the Diverse Classrm
- MTL535 - C&I Lrnrs/Hi Incidence Disab
- MTL558 - Theoretical FoundationTeach EngLangLrnr
- MTL569 - Linguistics SecondLang Lrng
- MTL579 - Mthds&Materials TchgEngLangLrnrs
- MTL587 - Assessmnt Eng Lang Learners
- MTL537 - C&I Lrnrs/Lo Incidence Disab

Elective coursework for the State of Illinois LBS1 endorsement, which may be added to the professional license after successful completion of the Learning Behavior Specialist 1 (LBS1, #290) exam, are listed in the section for the M.S.Ed. in Special Education.

ELM.BA - Elementary Teacher Education BA

General

Description
Candidates pursuing licensure in elementary education must complete a minor as part of their official transcript in addition to their education major. The minor must be in one of the two specialization areas: Teaching English Learners or Reading Education. Courses being applied toward the minor must earn grades of C- or higher.

Outcome
Apply a multiplicity of literacies required for learning new content knowledge in order to guide students in processes to navigate their communities.

Outcome
Meet the individual needs of all students through developmentally appropriate practices with high expectations.

Outcome
Utilize non-biased assessments of student learning coupled with meaningful student feedback and self-assessment

Outcome
Identifies issues relating to inequalities in teaching and learning by analyzing school policies and practices and ways to serve as agents of change in the school and community.

Outcome
Implement and evaluate innovative, responsive, and evidence-based practices to advance content knowledge while affirming student identity. (IPTS 1, 2, 5)

Outcome
Utilize culturally relevant, critical, and anti-racist pedagogies demonstrating use of diverse and complex materials with opportunities for critical thinking to fully engage the curriculum.

Outcome
Apply multi-textual, multicultural, and multi-modal resources representing diverse ways of thinking within learning concepts.

Outcome
Ensure equitable student-driven engagement in learning by leveraging student diversity through culturally responsive teaching.

Outcome
Uses classroom organizational routines and norms that align with restorative justice practices and are responsive to democratic and cultural values of all students and their families.

Outcome
: Create an inclusive community of learners by using systems of support, materials, resources, and authentic artifacts that are welcoming and representative of all students and their families.

Outcome
Candidates will collaborate with stakeholders to create learning opportunities that affirm the lived experiences, diverse histories, and languages of the learning community. (IPTS 8)

Outcome
Candidates will collaborate with stakeholders to create equitable, supportive, and reflective learning environments.

Outcome
Candidates will use a variety of resources to develop relationships with families and community agencies to recognize, develop, and implement plans that address the impacts of prejudice, bias, discrimination, and racism on student learning.

Outcome
Explains how critical reflection is utilized before, during, and after instruction through collaboration with others, interaction with theory and research, and analysis of student data and feedback.

Outcome
Advocates for self, students, and families by listening, communicating, and questioning that lead to the evaluation and adaptation of instructional practices and supports to address the needs of all students and families

Requirements

Simple Requisites

The Integrated Curriculum
Type
Completion Requirement

Additional Comments:
The Integrated Curriculum

Prerequisites
Type
Prerequisite

Foundations

Complete ALL of the following Courses:
- EDU104 - Cultural Foundatns Educ U.S.

Special Education

Complete ALL of the following Courses:
- EDU223 - PK-12Learnrs/Exceptionalities

Educational Psychology

Complete ALL of the following Courses:
- EDU311 - Educational Psychology

College Algebra or Higher

Complete ALL of the following Courses:
- MTH121 - College Algebra

Statistics

Complete at least 1 of the following courses:
- MTH327 - Essentials of Statistics
- MTH345 - Elementary Statistics
- MTH346 - Statistics for Scientists
- PSY355 - Statistics for Scientific Research

Two Science with Lab Courses

Must be from two different areas

Complete at least 2 of the following courses:
- AST212 - Introduction to Astronomy
- CHM100 - Chemistry in Natural World
- CHM101 - General Chemistry
- CHM110 - Chm & Issues in the Environment
- CHM211 - Chemical Principles I
- PHY101 - Physical Science
- BIO100 - Principles of Biology
- BIO104 - Human Biology
- BIO105 - Environmental Biology
- GEO102 - Earth System Science
- GEO105 - Intro Atmospheric Science

Physical Science: AST,CHM,PHY

Life Science: BID, BIO

Earth and Space Science: GEO

Two Social Science Courses

Must be from two different areas

Complete at least 2 of the following courses:

- ECO210 - Principles of Microeconomics
- ECO211 - Principles of Macroeconomics
- GEO111 - Regional Stdy of Modern Industrial World
- GEO112 - Regional Study of the Developing World
- GEO218 - Geography of Religion
- HIS101 - American History Before 1865
- HIS102 - The United States from 1865 to Present
- HIS111 - Survey of Western Civilization I
- HIS112 - Survey of Western Civilization II
- HIS116 - Survey of Non-Western Civilization II
- POL150 - Introduction to Politics
- POL302 - Politics of the Global South
- URB291 - Suburbia: People, Problems, & Policies

Major Requirements
Type
Completion Requirement

Elementary Teacher Education Major

Complete ALL of the following Courses:

- ELM300 - Curriculum Plan Instructn Primary
- ELM301 - Elem Practicum Primary
- ELM314 - MethodsMaterialsLit Primary
- ELM341 - PrimaryMethodsMathSciSocSci
- ELM350 - CurricPlan Instruct Intermed
- ELM352 - Elem Practicum Intermed
- ELM372 - MethodMaterialLitIntermedMid
- TEL317 - Mthds&MaterialTchgEngLangLrnr
- ELM382 - IntermMethodsMath Sci SocSci
- ELM419 - ElemAssessmentLearningEnv
- ELM450 - Elem Practicum Prof Seminar
- SPE440 - Diag&RemedRdgDifficulties
- SPE442 - Remed/Undrstndng&ApplyMath
- ELM451 - Student Teaching Elem
- ELM471 - ElemReflectivePractSeminar
- ELM498 - Elem Ed Capstone Seminar

Electives
Type
Completion Requirement

ELM.BS - Elementary Teacher Education BS

General

Description
Candidates pursuing licensure in elementary education must complete a minor as part of their official transcript in addition to their education major. The minor must be in one of the two specialization areas: Teaching English Learners or Reading Education. Courses being applied toward the minor must earn grades of C- or higher.

Outcome
Apply a multiplicity of literacies required for learning new content knowledge in order to guide students in processes to navigate their communities.

Outcome
Meet the individual needs of all students through developmentally appropriate practices with high expectations.

Outcome
Utilize non-biased assessments of student learning coupled with meaningful student feedback and self-assessment

Outcome
Identifies issues relating to inequalities in teaching and learning by analyzing school policies and practices and ways to serve as agents of change in the school and community.

Outcome
Implement and evaluate innovative, responsive, and evidence-based practices to advance content knowledge while affirming student identity. (IPTS 1, 2, 5)

Outcome
Utilize culturally relevant, critical, and anti-racist pedagogies demonstrating use of diverse and complex materials with opportunities for critical thinking to fully engage the curriculum.

Outcome
Apply multi-textual, multicultural, and multi-modal resources representing diverse ways of thinking within learning concepts.

Outcome
Ensure equitable student-driven engagement in learning by leveraging student diversity through culturally responsive teaching.

Outcome
Uses classroom organizational routines and norms that align with restorative justice practices and are responsive to democratic and cultural values of all students and their families.

Outcome
: Create an inclusive community of learners by using systems of support, materials, resources, and authentic artifacts that are welcoming and representative of all students and their families.

Outcome
Candidates will collaborate with stakeholders to create learning opportunities that affirm the lived experiences, diverse histories, and languages of the learning community. (IPTS 8)

Outcome
Candidates will collaborate with stakeholders to create equitable, supportive, and reflective learning environments.

Outcome
Candidates will use a variety of resources to develop relationships with families and community agencies to recognize, develop, and implement plans that address the impacts of prejudice, bias, discrimination, and racism on student learning.

Outcome
Explains how critical reflection is utilized before, during, and after instruction through collaboration with others, interaction with theory and research, and analysis of student data and feedback.

Outcome
Advocates for self, students, and families by listening, communicating, and questioning that lead to the evaluation and adaptation of instructional practices and supports to address the needs of all students and families

Requirements

Simple Requisites

The Integrated Curriculum
Type
Completion Requirement

Additional Comments:
The Integrated Curriculum

Prerequisites
Type
Prerequisite

Foundations

Complete ALL of the following Courses:
- EDU104 - Cultural Foundatns Educ U.S.

Special Education

Complete ALL of the following Courses:
- EDU223 - PK-12Learnrs/Exceptionalities

Educational Psychology

Complete ALL of the following Courses:
- EDU311 - Educational Psychology

College Algebra or Higher

Complete ALL of the following Courses:
- MTH121 - College Algebra

Statistics

Complete at least 1 of the following courses:
- MTH327 - Essentials of Statistics
- MTH345 - Elementary Statistics
- MTH346 - Statistics for Scientists
- PSY355 - Statistics for Scientific Research

Two Science with Lab Courses

Must be from two different areas

Complete at least 2 of the following courses:
- AST212 - Introduction to Astronomy
- CHM100 - Chemistry in Natural World
- CHM101 - General Chemistry
- CHM110 - Chm & Issues in the Environment
- CHM211 - Chemical Principles I
- PHY101 - Physical Science
- BIO100 - Principles of Biology
- BIO104 - Human Biology
- BIO105 - Environmental Biology
- GEO102 - Earth System Science
- GEO105 - Intro Atmospheric Science

Physical Science: AST,CHM,PHY

Life Science: BID, BIO

Earth and Space Science: GEO

Two Social Science Courses

Must be from two different areas

Complete at least 2 of the following courses:

- ECO210 - Principles of Microeconomics
- ECO211 - Principles of Macroeconomics
- GEO111 - Regional Stdy of Modern Industrial World
- GEO112 - Regional Study of the Developing World
- GEO218 - Geography of Religion
- HIS101 - American History Before 1865
- HIS102 - The United States from 1865 to Present
- HIS111 - Survey of Western Civilization I
- HIS112 - Survey of Western Civilization II
- HIS116 - Survey of Non-Western Civilization II
- POL150 - Introduction to Politics
- POL302 - Politics of the Global South
- URB291 - Suburbia: People, Problems, & Policies

Major Requirements
Type
Completion Requirement

Elementary Teacher Education Major

Complete ALL of the following Courses:

- ELM300 - Curriculum Plan Instructn Primary
- ELM301 - Elem Practicum Primary
- ELM314 - MethodsMaterialsLit Primary
- ELM341 - PrimaryMethodsMathSciSocSci
- ELM350 - CurricPlan Instruct Intermed
- ELM352 - Elem Practicum Intermed
- ELM372 - MethodMaterialLitIntermedMid
- TEL317 - Mthds&MaterialTchgEngLangLrnr
- ELM382 - IntermMethodsMath Sci SocSci
- ELM419 - ElemAssessmentLearningEnv
- ELM450 - Elem Practicum Prof Seminar
- SPE440 - Diag&RemedRdgDifficulties
- SPE442 - Remed/Undrstndng&ApplyMath
- ELM451 - Student Teaching Elem
- ELM471 - ElemReflectivePractSeminar
- ELM498 - Elem Ed Capstone Seminar

Electives
Type
Completion Requirement

Bachelor of Science Option
Type
Completion Requirement

Math Requirement

Complete two college-level mathematics courses.
Exceptions: MTH 325, 326, 440, and 441 do not count towards this requirement

ELSA.CP - Elmhurst Learning and Success Academy

General

Description
*Elmhurst life skills academy sponsored by Elmhurst Partners

Requirements

Simple Requisites

Elmhurst Learning and Success Academy
Type
Completion Requirement

Complete 32.00 credits from these courses

Earn at least 32 credits from the following:

- ELS011 - Healthy Living I
- ELS013 - Healthy Living II
- ELS016 - Planning for Future Independence
- ELS018 - Career Internship
- ELS019 - Community Career Lab
- ELS020 - Intro to College Life
- ELS021 - Career Exploration & Development
- ELS022 - Career by Design
- ELS023 - Career & Community
- ELS024 - Campus Career Experience
- ELS027 - Preparing for Future Life
- ELS028 - Leadership Skills & Teaming
- ELS031 - Communty&Citiznshp-St Issues
- ELS033 - Soc Issues/Self Determinatn
- ELS036 - Service Learning
- ELS037 - Capstone-Service Learning
- ELS038 - Communications I
- ELS039 - Communications II
- ELS040 - Reading & Writing Strategies
- ELS041 - Indiv Literacy Needs
- ELS043 - Appl of Literacy Skills to Work Environ
- ELS046 - Business Writing
- ELS047 - Computer Applications I
- ELS052 - Concpts & Strategies Math
- ELS054 - Computer Applications II
- ELS061 - Images to Communication
- ELS071 - Oral Storytelling & Math Skills
- ELS082 - Financial Smarts I
- ELS083 - Financial Smarts II
- ELS084 - Financial Smarts III
- ELS085 - Financial Smarts IV
- ELS092 - Theater & Public Speaking

EME.MIN - Elementary School Mathematics Education Minor

General

Description
The minor in elementary school mathematics education is available only to early childhood, elementary or special education program students. This minor does not lead to a state endorsement in mathematics education. Interested students should identify themselves to both the Department of Education and the Department of Mathematics and confer periodically with advisors in both departments.

Program Information
Courses in mathematics and other quantitative areas are supported in part by the activities of the Math and Science Support Coordinator in the Learning Center. Students who have not studied mathematics in the recent past and who are planning to take mathematics courses should refresh their knowledge of basic skills through the programs offered in the Learning Center.

Requirements

Simple Requisites

Elementary School Mathematics Education
Type
Completion Requirement

Required Courses

The minor in elementary school mathematics education requires a minimum of 4.5 course credits in mathematics.

Complete ALL of the following Courses:

- MTH132 - Precalculus
  OR MTH151 - Calculus I
  OR MTH152 - Calculus II
- MTH325 - Math Concepts for Elementary Teachers I
- MTH326 - Math Concepts for Elementary Teachers II
  OR MTH331 - Foundations of Geometry
- MTH345 - Elementary Statistics
  OR MTH346 - Statistics for Scientists

At least half of the credits must be taken at Elmhurst University. Additional mathematics courses may be needed to meet the requirement of 4.50 course credits in mathematics. This minor does not lead to a state endorsement in mathematics education. Interested students should identify themselves to both the School of Education and the Department of Mathematics and confer periodically with advisors in both departments. All courses must be completed with a C- (1.7) or higher.

EMP.BS - Elmhurst Management Program BS

General

Description
The Elmhurst Management Program (EMP) offers a concentrated way to complete the business administration major. This unique approach has been designed for highly motivated adults who bring both work experiences and prior college coursework into EMP's dynamic learning process.

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

Elmhurst Management Program (Accelerated Business Administration) Core

Complete ALL of the following Courses:

- BUS381 - Excel-BasdDecisnMakgTools I
- BUS371 - Intro to Global Business
- BUS389 - Marketing Management
- BUS480 - Excel-Based Decision Making Tools II
- BUS301 - Intro Logistics&SupplyChnMgt
- BUS383 - Accounting for Management
- BUS386 - Management
- BUS380 - Principles of Accounting
- BUS350 - Cultural Diversity in Org
- BUS481 - Managerial Finance
- BUS484 - Business Policy
- PHL310 - Business Ethics
- ECO210 - Principles of Microeconomics
- ECO211 - Principles of Macroeconomics

ENG.BA - English BA

General

Description
An English major consists of a minimum of 11 one-credit (4 semester hours) courses. Students choose to complete either Literature or the Writing Tracks. All majors complete ENG 220 Principles of Literary Study; ENG 372 Multicultural and Postcolonial Literature; and either ENG 201 Composition III or another writing-intensive course; a selection of further core courses determined by a student's selected track; and a 400-level capstone course in addition to three 400-level elective English courses. SELA (English Education) students pursue the literature track but take required courses for licensure that substitute for electives. No more than one literature or writing course at the 200 level in addition to English 220 may count toward the major.

Outcome
This program change can be accommodated by current learning outcomes: the program change aligns with two current departmental learning outcomes: Students will be able to explain the relevance of themes found in literary texts to contemporary, personal, and cultural values. and Students will be able to apply relevant theoretical concepts to literary or other texts and practices.

Requirements

Simple Requisites

The Integrated Curriculum
Type
Completion Requirement

Additional Comments:
The Integrated Curriculum

Major Requirements
Type
Completion Requirement

English Major

An English major consists of a minimum of 11 one-credit (4 semester hours) courses. Students choose to complete either Literature or the Writing Tracks. All majors complete ENG 220 Principles of Literary Study; ENG 372 Multicultural and Postcolonial Literature; and either ENG 201 Composition III or another writing-intensive course; a selection of further core courses determined by a student's selected track; and a 400-level capstone course in addition to three 400-level elective English courses. SELA (English Education) students pursue the literature track but take required courses for licensure that substitute for electives. No more than one literature or writing course at the 200 level in addition to English 220 may count toward the major.

Complete ALL of the following Courses:

- ENG220 - Principles of Literary Study
- ENG201 - Comp III:Clsscl Rhet/Cont Discourse

ENG 201 can be replaced with another writing course above the 106 level.

ENG.BS - English BS

General

Description

An English major consists of a minimum of 11 one-credit (4 semester hours) courses. Students choose to complete either Literature or the Writing Tracks. All majors complete ENG 220 Principles of Literary Study; ENG 372 Multicultural and Postcolonial Literature; and either ENG 201 Composition III or another writing-intensive course; a selection of further core courses determined by a student's selected track; and a 400-level capstone course in addition to three 400-level elective English courses. SELA (English Education) students pursue the literature track but take required courses for licensure that substitute for electives. No more than one literature or writing course at the 200 level in addition to English 220 may count toward the major.

Outcome

This program change can be accommodated by current learning outcomes: the program change aligns with two current departmental learning outcomes: Students will be able to explain the relevance of themes found in literary texts to contemporary, personal, and cultural values. and Students will be able to apply relevant theoretical concepts to literary or other texts and practices.

Requirements

ENG.MIN - English Minor

General

Description

An English minor consists of a minimum of five credits (20 semester hours) to include ENG 201, ENG 220 (preferred) or ENG 200 or equivalent and at least three additional English courses taken at the 300 or 400 level. See the English department program page for specific minors that can be selected and transcripted.

Outcome

Students will be able to identify literary techniques and creative uses of language in literary texts.

Outcome

Students will be able to adapt their texts to particular audiences and purposes.

Program Information

Note: with permission of the department chair or writing program director, ENG 350 or ENG 410 can be substituted for an English elective credit if the topic is appropriate for the minor in question. ENG 468 cannot be counted as an elective toward the minor.

Any English minor may be used to satisfy the minor requirements for elementary education majors for State of Illinois licensure.

Requirements

Simple Requisites

Minor Requirements

Type

Completion Requirement

English Courses

Fulfill ALL of the following requirements:

Required

Complete ALL of the following Courses:

- ENG201 - Comp III:Clsscl Rhet/Cont Discourse
- ENG220 - Principles of Literary Study

AND

English Electives

Three English courses at the 300/400 level

ENP.BS - Entrepreneurship BS

General

Description

The Entrepreneurship major equips business students with the requisite skills and knowledge, critical thinking, and problem solving acumen to effect change with business, communities, and society.

Outcome
1. The student has a basic knowledge of the content of functional areas of business. 2.The student is able to interpret numerical data and solve problems using quantitative methods. 3. The student is able to leverage existing digital technologies ethically and efficiently to solve problems, complete tasks, and accomplish goals. 4. The student also demonstrates effective adaptability to new and emerging technologies. 5. The student is able to demonstrate sound reasoning to analyze issues, make decisions, and overcome problems. To do so the student is able to obtain, interpret, and use knowledge, facts, and data and may demonstrate originality and inventiveness. 6. The student is able to effectively and articulate thoughts and ideas in written, oral forms to persons inside and outside of the organization individually and in teams. 7. The student demonstrates personal accountability and effective work habits.

Requirements

Simple Requisites

The Integrated Curriculum
Type
Completion Requirement

Additional Comments:
The Integrated Curriculum

Major Requirements
Type
Completion Requirement

Business Core

Complete ALL of the following Course Sets:
- Business Core

Required

Complete ALL of the following Courses:
- BUS333 - Marketing Research
- BUS352 - Entrepreneurship

Required

Complete at least 2 of the following courses:
- BUS355 - Negotiations: Theory & Practice
- BUS365 - Business Law
- BUS431 - Business to Business Professional Sell
- BUS468 - Internship

Recommended but not required:

Complete ANY of the following Courses:
- BUS310 - BusinessAnalysisUse MS Excel
- BUS470 - Seminar in Special Topics
- BUS492 - Independent Study

Electives
Type
Completion Requirement

Recommended Courses

Complete ANY of the following Courses:
- BUS310 - BusinessAnalysisUse MS Excel
- BUS470 - Seminar in Special Topics
- BUS492 - Independent Study

ENP.MIN - Entrepreneurship Minor

General

Description
Open to all majors outside of business, the entrepreneurship minor equips students with the fundamental business skills and knowledge, critical thinking, and problem solving acumen to effect change across varied businesses, communities, and society.

Outcome
Non-business majors will acquire the fundamental business knowledge to develop a business plan for a new business venture in their area of interest. Plan development includes strategy and executional components for their: operational plan, marketing plan, organizational, and financial plan.

Requirements

Simple Requisites

Minor Requirements
Type
Completion Requirement

Entrepreneurship Courses

Complete ALL of the following Courses:
- BUS230 - Principles of Marketing
- BUS250 - Management Theory and Practice
- BUS263 - Acc & Financial Mgt for Non-Bus Majors
- BUS352 - Entrepreneurship

ES.BA - Environmental Studies BA

General

Description
The Environmental Studies Program provides a strong interdisciplinary core curriculum for all majors with two undergraduate degree options: 1. The interdisciplinary Bachelor of Arts degree in Environmental Studies provides a foundation in policy, sciences, and humanities with advanced elective coursework. 2. The interdisciplinary Bachelor of Science degree in Environmental Studies places a focus on Science, Technology, Engineering and Mathematics (STEM).

Outcome
Articulate the interconnected and interdisciplinary nature of environmental studies

Outcome
Demonstrate an integrative approach to environmental issues with a focus on sustainability

Outcome
Use critical thinking, problem solving, and the methodological approaches of the social sciences, natural sciences, and humanities in environmental problem solving

Outcome
Communicate complex environmental information to both technical and non-technical audiences

Outcome
Understand and evaluate the global scale of environmental problems

Outcome
Reflect critically on their roles, responsibilities, and identities as citizens, consumers and environmental actors in a complex, interconnected world

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

Environmental Studies Major

Earn a minimum letter grade of C- in the following:
- ES100 - Intro to EnvironmentalStudies
- ES200 - Environmental Science I
- ES201 - Environmental Science II
- ECO211 - Principles of Macroeconomics
- ES320 - Sustainable Urban Development
- PHL312 - Environmental Ethics
- COM327 - Environmental Communication
- POL365 - Environmntl Politics&Policy
- MTH345 - Elementary Statistics
- ES400 - Practical Appl of Env Studies
- ES499 - Senior Capstone

Students pursing the Bachelor of Arts degree **must also complete three course credits of approved Environmental Studies electives** (Students should check with the program director for current approved electives).

ES.BS - Environmental Studies BS

General

Description
The Environmental Studies Program provides a strong interdisciplinary core curriculum for all majors with two undergraduate degree options: 1. The interdisciplinary Bachelor of Arts degree in Environmental Studies provides a foundation in policy, sciences, and humanities with advanced elective coursework. 2. The interdisciplinary Bachelor of Science degree in Environmental Studies places a focus on Science, Technology, Engineering and Mathematics (STEM).

Outcome
Articulate the interconnected and interdisciplinary nature of environmental studies

Outcome
Demonstrate an integrative approach to environmental issues with a focus on sustainability

Outcome
Use critical thinking, problem solving, and the methodological approaches of the social sciences, natural sciences, and humanities in environmental problem solving

Outcome
Communicate complex environmental information to both technical and non-technical audiences

Outcome
Understand and evaluate the global scale of environmental problems

Outcome
Reflect critically on their roles, responsibilities, and identities as citizens, consumers and environmental actors in a complex, interconnected world.

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

Environmental Studies Major

Earn a minimum letter grade of C- in the following:

- ES100 - Intro to EnvironmentalStudies
- ES200 - Environmental Science I
- ES201 - Environmental Science II
- ECO211 - Principles of Macroeconomics
- ES320 - Sustainable Urban Development
- PHL312 - Environmental Ethics
- COM327 - Environmental Communication
- POL365 - Environmntl Politics&Policy
- MTH345 - Elementary Statistics
- ES400 - Practical Appl of Env Studies
- ES499 - Senior Capstone

A minor or Double Major in one of the following fields required:

- Biology
- Chemistry
- Geographic Information Systems
- Mathematics
- Physics
- Computer Science

Bachelor of Science Option
Type
Completion Requirement

One additional math course from the following:

Complete at least 1 of the following courses:

- MTH132 - Precalculus
- MTH151 - Calculus I
- MTH152 - Calculus II

ES.MIN - Environmental Studies Minor

General

Description
The Environmental Studies program at Elmhurst University focuses on worldwide environmental challenges. Through interdisciplinary academic courses, internships, experiential, and co-curricular activities, the program prepares students to become passionate stewards of the environment, scholars in sustainability and environmental management, and experts in environmental studies. The program has a focus on environmental justice, and helps students develop critical-thinking skills, analyze real-world problems, and understand the power of narrative to create sustainable solutions to environmental problems for local and global communities.

Outcome
Articulate the interconnected and interdisciplinary nature of environmental studies

Outcome
Demonstrate an integrative approach to environmental issues with a focus on sustainability

Outcome
Use critical thinking, problem solving, and the methodological approaches of the social sciences, natural sciences, and humanities in environmental problem solving

Outcome
Communicate complex environmental information to both technical and non-technical audiences

Outcome
Understand and evaluate the global scale of environmental problems

Outcome
Reflect critically on their roles, responsibilities, and identities as citizens, consumers and environmental actors in a complex, interconnected world.

Requirements

Simple Requisites

Environmental Studies Minor Core
Type
Completion Requirement

Minimum grade

Minimum C- must be earned for courses to count toward the minor.

Complete ALL of the following Courses:

- ES100 - Intro to EnvironmentalStudies
- ES200 - Environmental Science I
- ES201 - Environmental Science II

Electives

Type
Completion Requirement

Minimum grade

Minimum C- must be earned for courses to count toward the minor.

Earn at least 2 credits from the following:

- ES310 - Environmental Science & Health
- ES320 - Sustainable Urban Development
- ES350 - Special Topics Environmental Studies
- ES370 - Environmental Sociology
- ES400 - Practical Appl of Env Studies
- ES410 - Environmental Law
- ES421 - Fieldwork in Environmental Studies
- ES468 - Environmental Studies Internship
- ES492 - Independ Study in Environmental Studies
- ES495 - Honors Independent Research
- COM327 - Environmental Communication
- ENG375 - Reading Nature/Writing Nature
- HIS354 - U.S. Environmental History
- PHL312 - Environmental Ethics
- POL365 - Environmntl Politics&Policy
- SOC330 - Global & Transnational Sociology

ESE.MIN - Educating Students with Exceptionalities Minor

General

Description
The minor in educating students with exceptionalities prepares general educators (K-12) to provide special education services to students with exceptionalities who are in their general education classrooms. The minor is only available to students who are formally admitted to a teacher education program. Students are required to complete all courses with a grade of C- (1.7) or higher and a 2.75 minor GPA. The courses required for the minor satisfy the requirements for the Illinois State Board of Education (ISBE) Learning Behavior Specialist 1 endorsement. Teacher candidates will need to pass the LBS1 (290) state content exam to earn this endorsement.

Requirements

Simple Requisites

Educating Students with Exceptionalities Minor
Type
Completion Requirement

Required Courses

Complete ALL of the following Courses:

- SPE320 - EstProfRelatnship:Comm&Collab
- SPE338 - Char Learners Exceptionalitiy
- SPE434 - CurrAssessInstruHighDisabilty
- SPE438 - CurrAssess&InstructLnrLowDisa
- SPE440 - Diag&RemedRdgDifficulties
- SPE442 - Remed/Undrstndng&ApplyMath

ESL.MTL - English As Second Language MTL

General

Description
Certificate in ESL

Requirements

Simple Requisites

Endorsement Requirements
Type
Completion Requirement

ESL/Bilingual Courses

Complete ALL of the following Courses:

- MTL544 - Crss-Cultur Studies Tch Eng Lang Lrners
- MTL558 - Theoretical FoundationTeach EngLangLrnr
- MTL569 - Linguistics SecondLang Lrng
- MTL579 - Mthds&Materials TchgEngLangLrnrs
- MTL587 - Assessmnt Eng Lang Learners
- MTL592 - ActnRsrch&ApplBilingualMthds

EXS.BA - Exercise Science BA

General

Description
Major in Exercise Science This major has been designed to address the basic standards for the professional preparation of exercise science students. Graduates of the exercise science program are trained to assess, design, and implement individual and group exercise and fitness programs for individuals who are apparently healthy and those with controlled disease. They are skilled in evaluating health behaviors and risk factors, conducting fitness assessments, writing appropriate exercise prescriptions, and motivating individuals to modify negative health and maintain positive lifestyle behaviors for health promotion (CAABEP 2017). The University's exercise science program provides a foundation for employment in corporate or hospital settings, health and wellness intervention programs, health clubs and other health-related careers. Many exercise science graduates pursue graduate study in exercise physiology, medicine, nutrition, occupational therapy, physical therapy and health promotion. Requirements: KIN 200 Lifestyle for Health and Wellness (.50 credit) KIN 204 Emergency Procedures (.50 credit) KIN 250 Substance Use and Abuse in Society (.50 credit) KIN 306 Nutrition for Health, Sports and Fitness KIN 310 Functional Anatomy KIN 320 Human Physiology KIN 340 Exercise Physiology (Prerequisite: KIN 320) KIN 420 Biomechanics (Prerequisite: KIN 310) KIN 450 Clinical Internship KIN 462 Exercise Testing and Prescription (Prerequisite: KIN 340) KIN 490 Research Methods in Exercise Science (Prerequisites: MTH 345 or PSY 355 and KIN 340) MTH 345 Elementary Statistics or PSY 355 Statistics for Scientific Research

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

Exercise Science Major

Complete ALL of the following Courses:

- KIN200 - Lifestyle for Health & Wellness
- KIN204 - Emergency Procedures
- KIN250 - Substance Use & Abuse in Society
- KIN306 - Nutrition

- KIN310 - Functional Anatomy
- KIN320 - Human Physiology
- KIN340 - Exercise Physiology
- KIN420 - Biomechanics
- KIN450 - Clinical Internship
- KIN462 - Exercise Testing & Prescription
- KIN490 - Rsrch Mthds in Exercise Sci
- MTH345 - Elementary Statistics
  OR PSY355 - Statistics for Scientific Research

EXS.BS - Exercise Science BS

General

Description
This major has been designed to address the basic standards for the professional preparation of exercise science students. Graduates of the exercise science program are trained to assess, design, and implement individual and group exercise and fitness programs for individuals who are apparently healthy and those with controlled disease. They are skilled in evaluating health behaviors and risk factors, conducting fitness assessments, writing appropriate exercise prescriptions, and motivating individuals to modify negative health and maintain positive lifestyle behaviors for health promotion (CAABEP 2017). The University's exercise science program provides a foundation for employment in corporate or hospital settings, health and wellness intervention programs, health clubs and other health-related careers. Many exercise science graduates pursue graduate study in exercise physiology, medicine, nutrition, occupational therapy, physical therapy and health promotion.

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

Exercise Science Major

Complete ALL of the following Courses:

- KIN200 - Lifestyle for Health & Wellness
- KIN204 - Emergency Procedures
- KIN250 - Substance Use & Abuse in Society
- KIN306 - Nutrition
- KIN310 - Functional Anatomy
- KIN320 - Human Physiology
- KIN340 - Exercise Physiology
- KIN420 - Biomechanics
- KIN450 - Clinical Internship
- KIN462 - Exercise Testing & Prescription
- KIN490 - Rsrch Mthds in Exercise Sci
- MTH345 - Elementary Statistics
  OR PSY355 - Statistics for Scientific Research

Electives
Type
Completion Requirement

Additional Comments:
Earning an Elmhurst University Degree

EYC.BA - Educating Young Children BA

General

Description
The early childhood education program prepares students to teach children from birth to Grade 2. All candidates will earn the Early Childhood (Type 04) license with a Letter of Approval for Early Childhood Special Education and English as a Second Language (ESL) endorsement. Courses applied toward licensure must earn grades of C- or higher.

Outcome
Implement and evaluate innovative, responsive, and evidence-based practices to advance content knowledge while affirming student identity. (IPTS 1, 2, 5)

Outcome
Utilize culturally relevant, critical, and anti-racist pedagogies demonstrating use of diverse and complex materials with opportunities for critical thinking to fully engage the curriculum. (IPTS 1, 3, 5)

Outcome
Apply a multiplicity of literacies required for learning new content knowledge in order to guide students in processes to navigate their communities. (IPTS 2, 3, 5, 6)

Outcome
Apply multi-textual, multicultural, and multi-modal resources representing diverse ways of thinking within learning concepts. (IPTS 2, 3, 5)

Outcome
Ensure equitable student-driven engagement in learning by leveraging student diversity through culturally responsive teaching. (IPTS 1, 5)

Outcome
Meet the individual needs of all students through developmentally appropriate practices with high expectations. (IPTS 2, 3, 5)

Outcome
Utilize non-biased assessments of student learning coupled with meaningful student feedback and self-assessment. (IPTS 1, 7)

Outcome
Uses classroom organizational routines and norms that align with restorative justice practices and are responsive to democratic and cultural values of all students and their families. (IPTS 4)

Outcome
Create an inclusive community of learners by using systems of support, materials, resources, and authentic artifacts that are welcoming and representative of all students and their families. (IPTS 4)

Outcome
Candidates will collaborate with stakeholders to create learning opportunities that affirm the lived experiences, diverse histories, and languages of the learning community. (IPTS 8)

Outcome
Candidates will collaborate with stakeholders to create equitable, supportive, and reflective learning environments. (IPTS 4, 8)

Outcome
Candidates will use a variety of resources to develop relationships with families and community agencies to recognize, develop, and implement plans that address the impacts of prejudice, bias, discrimination, and racism on student learning. (IPTS 8, 9)

Outcome
Explains how critical reflection is utilized before, during, and after instruction through collaboration with others, interaction with theory and research, and analysis of student data and feedback. (IPTS 9)

Outcome
Advocates for self, students, and families by listening, communicating, and questioning that lead to the evaluation and adaptation of instructional practices and supports to address the needs of all students and families. (IPTS 9)

Outcome
Identifies issues relating to inequalities in teaching and learning by analyzing school policies and practices and ways to serve as agents of change in the school and community. (IPTS 9)

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

Educating Young Children Major

Complete ALL of the following Courses:

- EYC300 - IntroCurriculumPlanInstruct
- EYC301 - Practicum I Birth-3 Natural Environment
- EYC321 - Early Intervention Methods
- EYC323 - Infant/TodAssessB-3 Typical/AtypicalDev
- EYC326 - Typical/ATypicalDevelChildB-5
- EYC327 - Typical/AtypLangDev&Literacy
- EYC328 - Family&CommunityRelationships
- TEL212 - Theoretic Found Tchg Eng Lang Lrnrs
- EYC350 - Curric Instruct&Assitive Tech
- EYC352 - Practicum II EarlyChildSpecEd
- EYC416 - STEAM Curriculum 3-5 Year Olds
- EYC412 - Assessing Young Children
- EYC414 - EarlyChildSpecialEd Methods
- TEL317 - Mthds&MaterialTchgEngLangLrnr
- TEL319 - Linguistics Sec Lang Lrnrs
- EYC314 - EleMethd/MatLiteracyLrnrPriClassroom
- EYC341 - PriClassMethdEleMathSciSocSci
- EYC450 - Practicum III-Collab&ProfPrac
- EYC419 - EvidBaseElmentAssess/LrnEnvir
- TEL439 - Assessmnt Eng Lang Learners
- TEL448 - Inquiry&Appl BilngualMthds I
- EYC454 - Student Teaching
- EYC498 - Capstone Seminar
- TEL449 - Inquiry&ApplBilngualMthds II

Internship (Elective)
Type
Completion Requirement

Additional Comments:
EYC 318 Early Intervention Internship (elective)

.50 credit

This practicum provides students with a 250-clock-hour clinical internship in Early Intervention, working hands on with infants and toddlers with disabilities and their families in natural environments. Students will be given the opportunity to develop, refine and demonstrate those competencies that are essential for effective intervention planning and implementations in the field of Early Intervention B-3 as developmental therapists. Students will receive clinical supervision from faculty at the University across their semester of internship work. Students will also be evaluated by their mentor developmental therapists on their work in the field on the basis of the behaviors described on the Early Intervention Internship Evaluation document in addition to satisfactory completion of all assignments. EYC 318 may be taken concurrently with EYC 350, EYC 352, EYC 412, EYC 414 and *EYC 416*. Prerequisites: EYC 300, EYC 307, EYC 327, EYC 323, *EYC 326*, *EYC 327 and EYC 328*. *Pass/No Pass grading.*

EYC.BS - Educating Young Children BS

General

Description

The early childhood education program prepares students to teach children from birth to Grade 2. All candidates will earn the Early Childhood (Type 04) license with a Letter of Approval for Early Childhood Special Education and English as a Second Language (ESL) endorsement. Courses applied toward licensure must earn grades of C- or higher.

Outcome
Implement and evaluate innovative, responsive, and evidence-based practices to advance content knowledge while affirming student identity. (IPTS 1, 2, 5)

Outcome
Utilize culturally relevant, critical, and anti-racist pedagogies demonstrating use of diverse and complex materials with opportunities for critical thinking to fully engage the curriculum. (IPTS 1, 3, 5)

Outcome
Apply a multiplicity of literacies required for learning new content knowledge in order to guide students in processes to navigate their communities. (IPTS 2, 3, 5, 6)

Outcome
Apply multi-textual, multicultural, and multi-modal resources representing diverse ways of thinking within learning concepts. (IPTS 2, 3, 5)

Outcome
Ensure equitable student-driven engagement in learning by leveraging student diversity through culturally responsive teaching. (IPTS 1, 5)

Outcome
Meet the individual needs of all students through developmentally appropriate practices with high expectations. (IPTS 2, 3, 5)

Outcome
Utilize non-biased assessments of student learning coupled with meaningful student feedback and self-assessment. (IPTS 1, 7)

Outcome
Uses classroom organizational routines and norms that align with restorative justice practices and are responsive to democratic and cultural values of all students and their families. (IPTS 4)

Outcome
Create an inclusive community of learners by using systems of support, materials, resources, and authentic artifacts that are welcoming and representative of all students and their families. (IPTS 4)

Outcome
Candidates will collaborate with stakeholders to create learning opportunities that affirm the lived experiences, diverse histories, and languages of the learning community. (IPTS 8)

Outcome
Candidates will collaborate with stakeholders to create equitable, supportive, and reflective learning environments. (IPTS 4, 8)

Outcome
Candidates will use a variety of resources to develop relationships with families and community agencies to recognize, develop, and implement plans that address the impacts of prejudice, bias, discrimination, and racism on student learning. (IPTS 8, 9)

Outcome
Explains how critical reflection is utilized before, during, and after instruction through collaboration with others, interaction with theory and research, and analysis of student data and feedback. (IPTS 9)

Outcome
Advocates for self, students, and families by listening, communicating, and questioning that lead to the evaluation and adaptation of instructional practices and supports to address the needs of all students and families. (IPTS 9)

Outcome
Identifies issues relating to inequalities in teaching and learning by analyzing school policies and practices and ways to serve as agents of change in the school and community. (IPTS 9)

Requirements

Simple Requisites

Prerequisites
Type
Prerequisite

Educating Young Children Prerequisites

Complete ALL of the following Courses:
- EDU104 - Cultural Foundatns Educ U.S.
- ENG105 - Composition I
- ENG106 - Composition II
- EDU223 - PK-12Learnrs/Exceptionalities
- MTH325 - Math Concepts for Elementary Teachers I
- MTH326 - Math Concepts for Elementary Teachers II
- TEL204 - CrssCultrl Tchg EngLangLrnrs

Major Requirements
Type
Completion Requirement

Educating Young Children Major

Complete ALL of the following Courses:
- EYC300 - IntroCurriculumPlanInstruct
- EYC301 - Practicum I Birth-3 Natural Environment
- EYC321 - Early Intervention Methods
- EYC323 - Infant/TodAssessB-3 Typical/AtypicalDev
- EYC326 - Typical/ATypicalDevelChildB-5
- EYC327 - Typical/AtypLangDev&Literacy
- EYC328 - Family&CommunityRelationships
- TEL212 - Theoretic Found Tchg Eng Lang Lrnrs
- EYC350 - Curric Instruct&Assitive Tech
- EYC352 - Practicum II EarlyChildSpecEd
- EYC416 - STEAM Curriculum 3-5 Year Olds
- EYC412 - Assessing Young Children
- EYC414 - EarlyChildSpecialEd Methods
- TEL317 - Mthds&MaterialTchgEngLangLrnr
- TEL319 - Linguistics Sec Lang Lrnrs
- EYC314 - EleMethd/MatLiteracyLrnrPriClassroom
- EYC341 - PriClassMethdEleMathSciSocSci
- EYC450 - Practicum III-Collab&ProfPrac
- EYC419 - EvidBaseElmentAssess/LrnEnvir
- TEL439 - Assessmnt Eng Lang Learners
- TEL448 - Inquiry&Appl BilngualMthds I
- EYC454 - Student Teaching
- EYC498 - Capstone Seminar
- TEL449 - Inquiry&ApplBilngualMthds II

Bachelor of Science Option
Type
Completion Requirement

Math Requirement

Complete two college-level mathematics courses.
MTH 325, 326, 440, and 441 do not count towards this requirement.

FIN.BA - Finance BA

General

Description
Finance A student specializing in finance must complete the Core Curriculum, BUS 340 Business Finance and five additional courses(see catalog).

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

Business Core

A minimum grade of C or better in the business core as well as in a special field major is required for graduation.

Complete ALL of the following Course Sets:
- Business Core

Finance Major

A minimum grade of C or better in the business core as well as in a special field major is required for graduation.

Complete ALL of the following Courses:

- BUS441 - Corporate Finance
- BUS442 - Investment Theory/Portfolio Mngmnt
- BUS444 - Financial Institutions

Required Electives

Complete at least 2 of the following courses:

- BUS310 - BusinessAnalysisUse MS Excel
- BUS361 - Intermediate Accounting I
- BUS362 - Intermediate Accounting II
- BUS376 - International Finance
- BUS440 - Personal Investment Management
- BUS468 - Internship
- BUS470 - Seminar in Special Topics
- BUS492 - Independent Study
- ECO314 - International Economics
- ECO410 - Money and Banking

Electives
Type
Completion Requirement

Recommended Additional Courses

Students majoring in finance should consider the following electives:

Complete ANY of the following Courses:

- COM213 - Public Speaking
- COM319 - Business & Professional Communication

Recommended Additional Courses

Students planning to pursue a career as a financial analyst (or in the area of corporate finance) should consider the following electives:

Complete ANY of the following Courses:

- BUS361 - Intermediate Accounting I
- BUS362 - Intermediate Accounting II

FIN.BS - Finance BS

General

Description
Finance A student specializing in finance must complete the Core Curriculum, BUS 340 Business Finance and five additional courses(see catalog).

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

Business Core

A minimum grade of C or better in the business core as well as in a special field major is required for graduation.

Complete ALL of the following Course Sets:

- Business Core

Finance Major

A minimum grade of C or better in the business core as well as in a special field major is required for graduation.

Complete ALL of the following Courses:

- BUS441 - Corporate Finance
- BUS442 - Investment Theory/Portfolio Mngmnt
- BUS444 - Financial Institutions

Required Electives

Complete at least 2 of the following courses:

- BUS310 - BusinessAnalysisUse MS Excel
- BUS361 - Intermediate Accounting I
- BUS362 - Intermediate Accounting II
- BUS376 - International Finance
- BUS440 - Personal Investment Management
- BUS468 - Internship
- BUS470 - Seminar in Special Topics
- BUS492 - Independent Study
- ECO314 - International Economics
- ECO410 - Money and Banking

Electives
Type
Completion Requirement

Recommended Additional Courses

Students majoring in finance should consider the following electives:

Complete ANY of the following Courses:

- COM213 - Public Speaking
- COM319 - Business & Professional Communication

Recommended Additional Courses

Students planning to pursue a career as a financial analyst (or in the area of corporate finance) should consider the following electives:

Complete ANY of the following Courses:

- BUS361 - Intermediate Accounting I
- BUS362 - Intermediate Accounting II

Bachelor of Science Option
Type
Completion Requirement

Math Requirement

Complete two college-level mathematics courses.

FRN.BA - French BA

General

Description
The French major consists of 7.5 course credits (30 hours), beginning at the 300 level, in each of the following areas: conversation/composition, culture and literature. Students should generally take French 301 and 302 before enrolling in any other 300/400 level courses and are strongly encouraged to complete at least one international education experience. Students must complete the

half-credit Senior Research Capstone (WL 451) during one of their final two terms.

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

French Major

The French major consists of 7.5 course credits (30 hours), beginning at the 300 level, in each of the following areas: conversation/composition, culture and literature. Students should generally take French 301 and 302 before enrolling in any other 300/400 level courses and are strongly encouraged to complete at least one international education experience. Students must complete the half-credit Senior Research Capstone (WL 451) during one of their final two terms.

FRN.BS - French BS

General

Description
The French major consists of 7.5 course credits (30 hours), beginning at the 300 level, in each of the following areas: conversation/composition, culture and literature. Students should generally take French 301 and 302 before enrolling in any other 300/400 level courses and are strongly encouraged to complete at least one international education experience. Students must complete the half-credit Senior Research Capstone (WL 451) during one of their final two terms.

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

French Major

The French major consists of 7.5 course credits (30 hours), beginning at the 300 level, in each of the following areas: conversation/composition, culture and literature. Students should generally take French 301 and 302 before enrolling in any other 300/400 level courses and are strongly encouraged to complete at least one international education experience. Students must complete the half-credit Senior Research Capstone (WL 451) during one of their final two terms.

Bachelor of Science Option
Type
Completion Requirement

Math Requirement

Complete two college-level mathematics courses.

FRN.MIN - French Minor

General

Description
A minor in French consists of four courses, three of which must be taken at the 300/400 level at Elmhurst University. A 202-level course can also count for intermediate students who wish to gain the minor, but no student is permitted to take a class below their placement level.

Requirements

FS.MIN - Film Studies Minor

General

Description
Students will study the history of film, critical and theoretical approaches to film and media analysis, various narrative structures used in film and television, the ever-changing role that cinematic storytelling plays in contemporary society, and the cultural context of cinema.

Outcome
Students will be able to define and describe multiple theoretical approaches to film analysis.

Outcome
Students will be able to interpret films and other media using a variety of theoretical and critical analytical aproaches.

Outcome
Students will be able to identify and discuss the terms and techniques associated with traditional three-act film structure.

Outcome
Students will be able to analyze a film's structure, describing whether it follows a traditional three-act structure or if it follows a non-traditional structure.

Outcome
Students will be able to describe effective storytelling techniques and identify them in films and other media.

Program Information
Students will study the history of film including its evolution from earlier forms of media as well as the impact other art forms have had on its development, multiple critical and theoretical approaches to film and media analysis, how film has both impacted and been impacted by advances in technology, various narrative

structures used in film and television, the ever-changing role that cinematic storytelling plays in contemporary society, and cinema's role in local and international cultures.

Media plays a prominent role in contemporary society, and this role is only increasing. How many minutes a day do people spend watching content on screens of various sizes? This minor will help students become critical consumers of that content; it will provide them historical context to the new media that fills their lives. Additionally, the critical approaches to film analysis that they will learn in this minor will help them become more critical thinkers about all media, whether it is of the cinematic variety or not. The knowledge they will learn about effective storytelling will also be transferable as being able to effectively tell a story is an important and necessary component of not just the cinematic arts, but conveying meaning across all disciplines.

Requirements

Simple Requisites

Minor Requirements
Type
Completion Requirement

Digital Media Minor - Core Requirements

Complete ALL of the following Courses:
- DM295 - Introduction to Film Studies
- DM298 - StoryStructures:LitFilmMedia
- WL309 - World Cinema
  OR DM301 - Cinema and the Soul

Electives
Type
Completion Requirement

Electives - 2 Required

Complete at least 2 of the following courses:
- DM301 - Cinema and the Soul
- WL309 - World Cinema
- DM317 - Introduction to Screenwriting
- DM450 - Cinematography
- DM305 - Introduction to Digital Cinema
- DM497 - Adv Film & Media Production
- ENG220 - Principles of Literary Study
- ENG230 - Rdgs in Race, Class & Gender
- ENG330 - Epics & Stories, Ancient & Modern
- ENG335 - Women Writers
- ENG336 - Contemporary Literature
- ENG350 - Special Topics
- ENG415 - Literary Theory
- COM329 - Media & Cultural Identity
- COM260 - Media Writing
- REL252 - Movies and God
- PHL309 - Philosophy of Art
- BID385 - BUS/COMCapitlThruDocumntFilm
- WL315 - Study Abroad Travel
- DM296 - Digital Animation Principles
- DM313 - Ethics in Media
- MUS355 - Film Scoring
- DM399 - Introduction to Video Editing
- DM451 - The Art of Music Video Production
- DM250 - Computer 3D Modeling
- DM398 - Game & Animation Concept Art
- CGE303 - Computer Game Design
- CGE401 - 3 Dimensnl Comptr Game Dsgn

May also choose any other media elective as approved by advisor.

FTM.MIN - French Teaching Minor

General

Description
The minor in French Teaching parallels the coursework requirements set by the Illinois State Board of Education (ISBE) to obtain an endorsement in the teaching of a foreign language.
Program Information
- The minor consists of any six French courses taken sequentially from the provided list. The level where the student starts the sequence depends on their linguistic proficiency, which is determined by the results of the language placement test.
- Additionally, students must take **WL 440** (Special Methods in the Teaching of Foreign Language).
- This course offers foundational knowledge in methods of instruction and delivery in the foreign language classroom.

Requirements

GDS.BA - Graphic Design BA

General

Description
Major in Graphic Design The graphic design major is intended for students who wish to pursue a career in graphic design. It provides the educational framework, experiential training-as evidenced in a full portfolio-and professional preparedness necessary to compete in today's market. The graphic design major consists of the art Core Curriculum with ART 216, ART 226, ART 316, ART 326, ART 416 and ART 426. Students wishing to pursue a B.F.A. in graphic design must achieve acceptance into the B.F.A. program and fulfill all of the above criteria, plus take ART 235 and four additional courses at the 300 or 400 level. These additional upper-level studios may be selected from the list of graphic design electives, or may be from another area of concentration within the department.

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

Art Core

Complete ALL of the following Course Sets:
- Art Core

Graphic Design Major

Complete ALL of the following Courses:
- ART216 - Intro to Graphic Design
- ART226 - Typography Studio
- ART316 - Graphic Design I
- ART326 - Graphic Design II

- ART416 - Advanced Graphic Design
- ART426 - Seminar in Graphic Design

GDS.BFA - Graphic Design BFA

General

Description
Major in Graphic Design The graphic design major is intended for students who wish to pursue a career in graphic design. It provides the educational framework, experiential training-as evidenced in a full portfolio-and professional preparedness necessary to compete in today's market. The graphic design major consists of the art Core Curriculum with ART 216, ART 226, ART 316, ART 326, ART 416 and ART 426. Students wishing to pursue a B.F.A. in graphic design must achieve acceptance into the B.F.A. program and fulfill all of the above criteria, plus take ART 235 and four additional courses at the 300 or 400 level. These additional upper-level studios may be selected from the list of graphic design electives, or may be from another area of concentration within the department. Suggested Registration Pattern for Graphic Design Students Students pursuing the B.F.A. in graphic design will also need to incorporate the required extra courses into the following proposed plan of study. First Year Fall Term: ART 113 Introduction to Art Software ART 115 Drawing Studio Spring Term: ART 125 Design Studio ART 120 Painting Studio Second Year Fall Term: ART 216 Introduction to Graphic Design ART 341 Survey History of Western Art Spring Term: ART 226 Typography Studio ART 342 Survey History of Modern Art Third Year Fall Term: ART 316 Graphic Design I One Course in Non-European Art History Spring Term: ART 326 Graphic Design II ART 443 Issues in Contemporary Art: Theory and Practice Beyond the Modern Fourth Year Fall Term: ART 416 Advanced Graphic Design Spring Term: ART 426 Advanced Topics in Graphic Design ART 490 Capstone Course/BFA Capstone Course ART 491 Capstone Exhibition Course/BFA Capstone Exhibition

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

Art Core

Complete ALL of the following Course Sets:
- Art Core

Graphic Design Major

Complete ALL of the following Courses:
- ART216 - Intro to Graphic Design
- ART226 - Typography Studio
- ART316 - Graphic Design I
- ART326 - Graphic Design II
- ART416 - Advanced Graphic Design
- ART426 - Seminar in Graphic Design

Bachelor of Fine Arts Option
Type
Completion Requirement

ART235 Requirement

Complete ALL of the following Courses:
- ART235 - Sculpture Studio

300/400-level Electives

Four 300/400-level courses
These additional upper-level studios may be selected from the list of graphic design electives, or may be from another area of concentration within the department.

GIS.MIN - Geographic Information Systems Minor

General

Description
A minor in geographic information systems (GIS) requires a minimum of four courses. While the following list of courses is strongly recommended for the minor, other courses within the department may be substituted to meet the needs and interests of individual students after consultation with an advisor in the department or the department chair.
Note: Students may not major in GIS and minor in GIS.

Requirements

Simple Requisites

GIS Minor
Type
Completion Requirement

Required Courses

Complete ALL of the following Courses:
- GEO207 - Foundations of GIS
- GEO309 - Spatial Analysis

Two courses required from:

Complete at least 2 of the following courses:
- GEO400 - Adv Spatial Analysis
- GEO452 - Spec Tpcs:Geo & Geosciences
- GEO468 - Internship

GND.MIN - Gender Studies Minor

General

Description
The Gender Studies minor provides students with an interdisciplinary understanding of gender and its intersection with race, class, sexuality, and other social locations. It delves into the social, cultural, political, and historical contexts that shape gender identities and relations. Students will engage with diverse theoretical and disciplinary perspectives, exploring topics such as feminist theory, LGBTQ+ studies, and the impact of gender on various aspects of life, including work, family, and media. This minor fosters critical thinking and social awareness, preparing students for careers in fields like education, social work, public policy, and advocacy.

Outcome
Apply multiple theoretical frameworks and disciplinary perspectives to analyze how gender impacts everyday experiences

Outcome
Critically examine the historic and current realities of gender in the United States

Outcome
Evaluate the intersections of race, ethnicity, class, and other identities in relation to gender in the United States

Requirements

Simple Requisites

Minor Requirements
Type
Completion Requirement

Complete ALL of the following Courses:
- SOC305 - Sex and Gender in Society

Complete at least 2 of the following courses:
- CJ340 - Gender & Crime
- ENG335 - Women Writers
- HIS215 - Intro to Women's History
- COM318 - Gender & Communication

Complete ANY of the following Courses:
- PHL215 - Race, Gender, and Justice
- REL242 - IssuesInIslam:Gender,Politics&HumnRight
- PSY333 - Psychology of Human Sexuality
- SOC317 - Marriage & the Family
- BID357 - ENG/POL Feminist Poetry
- COM329 - Media & Cultural Identity
- COM315 - Intercultural Communication
- COM323 - Family Communication
- CJ340 - Gender & Crime
- ENG335 - Women Writers
- HIS215 - Intro to Women's History
- REL314 - Feminist Biblical Interpretations
- COM318 - Gender & Communication

4.0 total credits are required for the minor

Internship, independent study, or independent research may be applied as an elective with consent of the department chair

Students may apply no more than one class to the Gender Studies minor and a separate major/minor

Course work must come from at least three separate disciplines (three separate prefixes)

HED.MIN - Health Education Minor

General

Description
The Health Education minor that prepares candidates to teach health in middle school and high school and leads to the health education endorsement.
Program Information
Those seeking the health education endorsement (grades PK-12) on a Professional Educator License can do so by completing the Elmhurst University health education minor and passing the content-area test (#211).

Requirements

Simple Requisites

Minor Requirements
Type
Completion Requirement

Health Education Courses

Complete ALL of the following Courses:
- KIN200 - Lifestyle for Health & Wellness
- KIN204 - Emergency Procedures
- PE230 - School Health K-12 Teach Mthd
- PE240 - Community Health
- KIN250 - Substance Use & Abuse in Society
- KIN306 - Nutrition
- PE346 - Human Sexuality

HIS.BA - History BA

General

Description
Major in History Majors in history are expected to complete a minimum of seven college courses in the department, including the Senior Thesis. Those students who plan to teach must complete eight courses, also including the Senior Thesis. Other than the thesis, there are no specific courses required, but it is expected that students will select courses from different periods and areas in order to have a balanced background in the field.

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

History Major

Complete at least 6 of the following courses:
- HIS102 - The United States from 1865 to Present
- HIS112 - Survey of Western Civilization II
- HIS116 - Survey of Non-Western Civilization II
- HIS170 - Latin American History
- HIS212 - Role of Great Personalities in History
- HIS215 - Intro to Women's History
- HIS311 - England to the Stuart Age
- HIS312 - Modern Britain
- HIS321 - Colonial America

- HIS322 - Revolutionary America
- HIS323 - Industrial Age America
- HIS324 - United States in 20th Century
- HIS343 - Medieval History
- HIS344 - The Renaissance and the Reformation
- HIS353 - The American West
- HIS354 - U.S. Environmental History
- HIS355 - Forming the Chicago Ghetto
- HIS443 - His of Europe:1815-Eve World War I
- HIS444 - Europe in 20th Century
- HIS445 - Topical History Seminar
- HIS451 - Seminar in Historiography

Senior Thesis

Complete ALL of the following Courses:

- HIS452 - Senior Thesis

HIS.BS - History BS

General

Description

Major in History Majors in history are expected to complete a minimum of seven college courses in the department, including the Senior Thesis. Those students who plan to teach must complete eight courses, also including the Senior Thesis. Other than the thesis, there are no specific courses required, but it is expected that students will select courses from different periods and areas in order to have a balanced background in the field.

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

History Major

Complete at least 6 of the following courses:

- HIS101 - American History Before 1865
- HIS102 - The United States from 1865 to Present
- HIS112 - CAM Cred: SurvofWestCivil II
- HIS116 - Survey of Non-Western Civilization II
- HIS170 - Latin American History
- HIS212 - Role of Great Personalities in History
- HIS215 - Intro to Women's History
- HIS311 - England to the Stuart Age
- HIS312 - Modern Britain
- HIS321 - Colonial America
- HIS322 - Revolutionary America
- HIS323 - Industrial Age America
- HIS324 - United States in 20th Century
- HIS343 - Medieval History
- HIS344 - The Renaissance and the Reformation
- HIS353 - The American West
- HIS354 - U.S. Environmental History
- HIS355 - Forming the Chicago Ghetto
- HIS443 - His of Europe:1815-Eve World War I
- HIS444 - Europe in 20th Century
- HIS445 - Topical History Seminar
- HIS451 - Seminar in Historiography

Senior Thesis

Complete ALL of the following Courses:

- HIS452 - Senior Thesis

Bachelor of Science Option
Type
Completion Requirement

Math Requirement

Complete two college-level mathematics courses.

HIS.MIN - History Minor

General

Description

Requirements for a minor in history are four courses approved by the chair, three of which must be taken at Elmhurst University.

Requirements

HST.BS - Health Science Technology BS

General

Description

The Health Science Technology degree program is designed to prepare students to enter the medical field as a Diagnostic Medical Sonographer, Radiation Therapist, or a Nuclear Medicine Technologist. The HST major is run in affiliation with Northwestern Memorial Hospital as a 3 + 1 degree and certification program whereby Elmhurst University students will take their major and integrated curriculum requirements on campus during their first three years and then complete their course of study at Northwestern Memorial Hospital. Upon graduation HST students will have a BS degree and a certificate of qualification in their technological area of specialization.

Outcome
Explain and apply the core biological concepts including energy and matter, structure and function, information flow, systems, and evolution

Outcome
Articulate an understanding of the core competencies including the process of science, quantitative reasoning, and modeling and simulation of biological phenomena

Outcome
Demonstrate biology's interdisciplinary nature which requires communication and collaboration

Outcome
Recognize the ethical, historical, societal, and legal implications of biology

Outcome
Recognize that diverse perspectives and ideas enhance biological investigation and broaden scientific knowledge

Program Information
Health Science Technology (HST) is a specialized major for students interested in various health professions. Successful completion of this major will allow a student to apply to an affiliate partner to complete their training and/or degree. Admission is not guaranteed to any affiliate partner by virtue of acceptance to Elmhurst University or declaring the HST major. Students must apply to the affiliate partner based on the guidelines of that institution. Also, students must recognize the length of each track varies based on the needs of the profession and may require summer courses. *Additional tuition costs and fees may apply.*

The following hospitals and schools are partnered with Elmhurst, and students can major in HST for one of these tracks. Three of these tracks are with Northwestern Memorial Hospital (NMH), and accepted students will take specific courses for certification in Diagnostic Medical Sonography, Radiation Therapy or Nuclear Medicine Technology through NMH and their partner hospitals. The courses for the major and these particular tracks are listed under Requirements. For the other affiliate partners, students will take the core courses for the HST major and graduate prior to matriculating to any accepted affiliate partner or transfer acceptable credit with grades of C or higher back to Elmhurst from the affiliate partner to complete their degree at Elmhurst. Accepted students to any affiliate partner will need to successfully complete all general education requirements, the HST core, including the HST capstone, prior to beginning at the partner institution. A minimum of 24 credits must be earned prior to matriculating to an affiliate partner, unless graduation from Elmhurst University is required prior to matriculation for a particular track. Prerequisite courses beyond the HST major may be necessary for a particular track and should be discussed with a faculty advisor and the health professions advisor. Students who are accepted and successfully complete a track at an affiliate partner will earn a bachelor's degree in HST from Elmhurst and be eligible to sit for certifying or licensure examinations for that field assuming all requirements are met at the partner institution.

• Chiropractic Medicine: National University of Health Sciences

• Chiropractic Medicine: Northwestern Health Sciences University

• Diagnostic Medical Sonography: Northwestern Memorial Hospital

• Nuclear Medicine Technology: Northwestern Memorial Hospital

• Pharmacy: Roosevelt University, College of Pharmacy

• Radiation Therapy: Northwestern Memorial Hospital

• Respiratory Care: Rush University

All affiliate partners and requirements are subject to change.

All students must earn a minimum grade of C- and maintain a minimum GPA of 2.00 across all courses that are required for the major in order to successfully complete the degree. HST students are allowed to repeat any major-required course taken at Elmhurst University in which they received a grade of C-, D, F, P, NP or W no more than one time for each course. To be eligible to apply for any of these tracks, the affiliate partners may require specific grades in individual courses and a minimum GPA that may vary from the minimum that the Biology Department requires for the major. Students are responsible for working with their faculty advisor and the health professions advisor to determine eligibility to apply and additional requirements for any of these tracks. If a student is not eligible to apply for one of these tracks, they are not able to complete the HST major. Transfer credit is limited or prohibited for some affiliate tracks. Transfer students or other students with transfer credit should speak with both advisors to determine if they are eligible. Additional information about the affiliate tracks can be found on the website at elmhurst.edu/hpa.

Any student accepted into an affiliate partner must successfully complete the required courses to earn the certificate from the affiliate partner. Should a student not earn the certificate, they must complete the remaining biology and chemistry upper-level electives and general electives needed to graduate. For the HST major, it would be two upper-level biology courses, two upper-level chemistry courses, and potentially four general electives if they have not reached the total credits needed to graduate.

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

Health Science Technology Courses

Complete ALL of the following Courses:

- BIO200 - General Biology I
- BIO201 - General Biology II
- BIO315 - Genetics
- BIO430 - Principles of Anatomy
- BIO442 - Principles of Physiology
- HST400 - Scientific Terminology
- HST498 - Capstone Seminar
- CHM211 - Chemical Principles I
- CHM212 - Chemical Principles II
- CHM311 - Organic Chemistry I
- CHM312 - Organic Chemistry II
- PHY111 - Introductory Physics I
- PHY112 - Introductory Physics II
- MTH132 - Precalculus
- MTH345 - Elementary Statistics
- COM213 - Public Speaking

Students must successfully complete one of these tracks to earn an HST major:

• Chiropractic Medicine: National University of Health Sciences

• Chiropractic Medicine: Northwestern Health Sciences University

• Diagnostic Medical Sonography: Northwestern Memorial Hospital

• Nuclear Medicine Technology: Northwestern Memorial Hospital

• Pharmacy: Roosevelt University, College of Pharmacy

• Radiation Therapy: Northwestern Memorial Hospital

• Respiratory Care: Rush University

Successfully completed courses at a partner school are transferred back to Elmhurst to finish the HST degree. Courses for the Northwestern Memorial Hospital tracks are listed in the next section.

Track Requirements
Type
Completion Requirement

Health Science Technology Tracks

Fulfill ANY of the following requirements:

Diagnostic Medical Sonography Track

(requires acceptance to program)

Complete ALL of the following Courses:

- DMS301 - Fundamentals of Sonography
- DMS302 - Mgt & Mthds Patient Care
- DMS303 - Cellular Pathophysiology
- DMS304 - Section Anat for Sonographer
- DMS305 - Abdomen Sonography
- DMS306 - OB-GYN Sonography
- DMS307 - Clinical Education I
- DMS308 - Ultrasound Physics I
- DMS309 - OB-GYN Pathology
- DMS310 - Abdomen Pathology
- DMS311 - Clinical Education II
- DMS312 - Ultrasound Physics II
- DMS313 - Image Critique
- DMS314 - Clinical Education III
- DMS315 - Intro Pediat&Vascular Imagng
- DMS316 - Specialty Sonography
- DMS317 - Clinical Education IV
- DMS318 - Registry Review

OR

Nuclear Medicine Technology Track

Northwestern Memorial Hospital Affiliate (requires acceptance to program)

Complete ALL of the following Courses:

- NMT390 - Clinical Nuclear Medicine Procedures
  AND NMT401 - ClincINuclear ImagProced II
- NMT391 - Radionuclide Chemistry & Radiopharmacy
- NMT392 - Radiation Biology
- NMT393 - ClinclCorrelatn:Pathology
- NMT394 - DiagNuclear ImagngPracticum I
  AND NMT400 - Diagnostic Nuclear Imaging Practicum II
- NMT395 - Radiation Safety and Protection
- NMT396 - Radiation Detection & Instrumentation
- NMT397 - CompTomogrphy&Cross-SectAnat
- NMT398 - Management & Methods of Patient Care
- NMT403 - Medical Terminology-NMT
- NMT408 - Nuclear Medicine Seminar

OR

Radiation Therapy Track

(requires acceptance to program)

Complete ALL of the following Courses:

- RT328 - Medical Terminology-Radiatn Therapy
- RT329 - Introduction to Clinical Education
- RT330 - Intro to Radiation Therapy
- RT331 - Prin&Pract RadiatnTherapy I
- RT332 - Pathology
- RT333 - Radiation Therapy Physics I
- RT334 - Intro to RadiologicTechnology
- RT335 - Medical Imaging & Processng
- RT336 - Patient Care
- RT337 - Radiation Safety
- RT338 - Prin&PracRadTherapy II & III
- RT339 - Technical Radiation Therapy
- RT340 - RadiationTherapy Physics II
- RT343 - Clinical Practicum II
- RT344 - Technical RadiatnTherapy II
- RT345 - Radiation Biology
- RT346 - Clinical Practicum I
- RT347 - Clinical Practicum III
- RT348 - Registry Review Seminar
- RT349 - Advanced Imaging in Radiation
- RT350 - Quality Assurance and Healthcare Operati

Bachelor of Science Option
Type
Completion Requirement

Math Requirement

Complete two college level mathematics courses
Exception: MTH 325, 326, 440 and 441 do not count toward this requirement.

HST.BS(RC) - Health Science Technology (RC) BS

General

Description
Health Science Technology (HST) is a specialized major for students interested in various health professions. Successful completion of this major will allow a student to apply to an affiliate partner to complete their training and/or degree.

Requirements

IBU.MIN - International Business Minor

General

Requirements

Simple Requisites

Minor Requirements
Type
Completion Requirement

International Business Courses

Courses in addition to the Core Curriculum and School of Business subject major requirements for a minor in international business would include the following:

Complete ALL of the following Courses:

- ECO314 - International Economics
- BUS375 - Capstone: Global Business
- BUS376 - International Finance

Note: Majors in nonbusiness department areas, such as political science or geography, who wish to have a concentration in international business, will need to take specific School of Business prerequisites equivalent to a minor in business administration.

IE.CP - Masters Certificate in Innovation & Entrepreneurship

General

Description
Elmhurst University's graduate certificate in innovation and entrepreneurship consists of four courses. Students who complete the four courses for credit will receive the graduate certificate in innovation and entrepreneurship.

Outcome
Be familiar with the overall process and actions required to launch a new venture

Outcome
Understand the components of a business plan

Outcome
Be capable of developing and validating a new venture launch plan

Outcome
Be familiar with what it takes to build a company

Outcome
Understand how to scale a business by creating demand via marketing and sales

Outcome
Be familiar with theories and knowledge of the management of innovation

Outcome
Analyze issues in the management of innovation based on data and other solid evidence

Outcome
Discuss innovation issues using reason and logic and without bias or prejudice

Outcome
Understand current issues and challenges in the management of innovation

Outcome
Have a good basic understanding of how to manage innovation

Outcome
Know how to measure and monitor innovation

Outcome
Be familiar with change management

Outcome
Know how to introduce and lead innovation projects

Program Information

Program Format

The graduate certificate in innovation and entrepreneurship is a part-time, EU Flex program that allows students to take the courses in class or online. Students complete coursework through eight-week sessions that meet one night a week. The program can be completed in nine months.

Admission

Applicants for the graduate certificate in innovation and entrepreneurship must have a bachelor's degree from a regionally accredited university/college.

FACULTY
Bruce D. Fischer - Program Director

Requirements

Simple Requisites

Certificate Requirements
Type
Completion Requirement

Innovation & Entrepreneurship Courses

Complete ALL of the following Courses:

- MIE500 - New Venture Formulation
- MIE501 - Entreprenuer Sales & Marketing
- MIE502 - Innovation Management
- MIE503 - Seminar in Entrepreneurship

IOP.MA - Industrial/Organizational Psychology MA

General

Description
The Master of Arts in Industrial/Organizational Psychology program was developed to provide students with the knowledge, skills and abilities that will enable them to use psychological principles to solve issues impacting organizations and workers. It was designed following the guidelines and

recommendations of the Society for Industrial/Organizational Psychology, the professional group responsible for I/O standards and policy.

Outcome
Engage in ethical and lawful decision making and problem solving about people at work

Outcome
Understand the theoretical frameworks of psychology that can be applied to make an organization more effective and efficient

Outcome
Acquire the necessary interpersonal, behavioral and technical skills for application in the work setting

Outcome
Demonstrate effective writing, reading, critical-thinking, speaking skills and collaboration skills

Outcome
Perform effectively in a capstone experience that involves the application of or research in Industrial/Organizational Psychology

Program Information
The program combines rigorous academic training with practical experience in such critical areas as applying the appropriate methods of analyzing jobs, identifying issues associated with employee selection, and deciding effective methods of training for workers at different organizational levels. It is designed to develop the skills critical to success in any organization: oral and written communication, teamwork and ethical decision making.

The program admits both working professionals and recent college graduates with good academic backgrounds who have taken four undergraduate courses in psychology: Introductory Psychology, Statistics, Research Methods and Introduction to Industrial/Organizational Psychology (or equivalent). Required courses are offered during the Fall and Spring semesters and PSY 356 and PSY 326 are available during the summer for students who need one or more of the prerequisites. Specifically, Introduction to Industrial/Organizational Psychology is offered online in the summer for students to fulfill this requirement before starting the Industrial/Organizational program. Students should also be motivated to improve their interpersonal, behavioral and technical skills. Graduates of the program can secure positions in a variety of organizations in business, education or human services.

The master's degree requires four terms (32 semester hours) of formal coursework and one credit (four semester hours) of an internship/experiential component (PSY 580 OR PSY 590-593 OR PSY 599) for a total of 9.00 credits (36 semester hours). Students can complete the internship/experiential component or thesis during their two years of coursework, unless they choose to pursue a component that takes more than the two years.

Students enter as a cohort and move through 12 courses in two academic years as a group. Courses have been developed as sequenced learning; thus, students who cannot complete a course during any term must drop out of the cohort.

Program Length: 9.00 credits (36 semester hours)

FACULTY

Jessica J. Sim - Program Director

Requirements

Simple Requisites

Program Requirements
Type
Completion Requirement

I/O Psych Courses

Complete ALL of the following Courses:

- PSY501 - FoundationsInd/Org Psychology
- PSY511 - Research Methods in I/O Psychology
- PSY512 - Statistical Analysis I/O Psychology
- PSY517 - Small Group Theory and Process
- PSY520 - Employee Selection Procedures
- PSY521 - Job Analysis & Performance Management
- PSY523 - Training: Theory, Design, & Evaluation
- PSY527 - Measurement & Assessment in I/O Psych
- PSY530 - Organizational Theory
- PSY531 - Organizational Development
- PSY539 - Work Motivation
- PSY540 - Adv Topics in Industrial/Org Psychology

Internship or Capstone

Complete ANY of the following Courses:

- PSY580 - I/O Graduate Capstone
- PSY590 - Intern/Exprntl Comp-Proposal
  AND PSY591 - Intern/ExprntlCom-Experience
  AND PSY592 - Intern/ExprntlCom-FinalPaper
  AND PSY593 - Intern/ExprntlCom-Presentatn
- PSY599 - Thesis

ISY.BS - Information Systems BS

General

Description
A student majoring in Information Systems must take CS 220, CS 255, plus the computer science, information systems, math, and business courses listed below. Students are encouraged to consider a minor in business administration.

Outcome
1. Foundational Knowledge and Problem-Solving: Graduates will have a solid foundation in computing, mathematics, and theoretical principles, enabling them to analyze problems effectively and identify computing requirements for developing innovative solutions.

Outcome
2. System Design and Implementation: Graduates will possess the skills to design, implement, and evaluate computer-based systems, processes, components, or programs to meet desired needs.

Outcome
3. Teamwork and Professional Responsibility: Graduates will be adept at functioning effectively in teams to achieve common goals, while also demonstrating a deep understanding of professional, ethical, legal, security, and social issues in computing.

Outcome
4. Communication and Global Impact Awareness: Graduates will be able to communicate effectively with a range of audiences, articulating technical information clearly and persuasively. They will also possess a critical understanding of the local and global impacts of computing on individuals, organizations, and society, fostering a responsible approach to technology deployment and innovation.

Outcome
5. Lifelong Learning and Adaptability: Graduates will recognize the importance of and engage in continuing professional development to stay abreast of emerging technologies and practices in computer science.

Outcome
6. Data Management and Decision Support: Students will be able to design, implement, and manage databases that support organizational decision-making, ensuring data integrity, security, and accessibility.

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

Information Systems Major

Complete ALL of the following Courses:

- CS205 - LINUX
- CS220 - Computer Science I
- CS315 - Web Design & Development
- CS360 - Computer Network Systems
- CS440 - Web Based Applications
- IS380 - Foundations of Data Science with Python
- IS423 - Data Base Management Systems
- IS424 - Intro System Analysis & Design
- IS425 - Management Information Systems
- MTH151 - Calculus I
- MTH345 - Elementary Statistics
- BUS263 - Acc & Financial Mgt for Non-Bus Majors
- BUS230 - Principles of Marketing
  OR BUS250 - Management Theory and Practice
- CS255 - Computer Science II
- CS475 - Software Engineering

Electives
Type
Completion Requirement

Recommended Electives

Complete ANY of the following Courses:

- CS318 - Obj-Oriented Design & Program Using C++
- MTH152 - Calculus II
- MTH311 - Intro to Math & Computer-Based Modeling

ISY.MIN - Information Systems Minor

General

Description
The information systems minor offers a combined technical and business perspective on implementing modern information systems. Six courses are required as listed below.

Outcome
1. Foundational Knowledge and Problem-Solving: Graduates will have a solid foundation in computing, mathematics, and theoretical principles, enabling them to analyze problems effectively and identify computing requirements for developing innovative solutions.

Outcome
2. Data Management and Decision Support: Students will be able to design, implement, and manage databases that support organizational decision-making, ensuring data integrity, security, and accessibility.

Outcome
3. Lifelong Learning and Adaptability: Graduates will recognize the importance of and engage in continuing professional development to stay abreast of emerging technologies and practices in computer science.

Requirements

Simple Requisites

Minor Requirements
Type
Completion Requirement

Information Systems Courses

Complete ALL of the following Courses:

- CS220 - Computer Science I
- CS255 - Computer Science II
- IS380 - Foundations of Data Science with Python
- IS423 - Data Base Management Systems
- IS425 - Management Information Systems

• One additional 300/400-level CSIS course

JOU.BA - Multimedia Journalism BA

General

Description
The Multimedia Journalism major provides students the opportunity to become professional storytellers. Whether in print or on a screen, the story of our world, events, and history is understood in narrative form. Understanding how that narrative informs and constructs a public agenda in a free society is part of the theoretical knowledge of this major. Students are encouraged to gain practical experience through internships or by working on our University newspaper or radio station. The major is recommended for students who plan to pursue careers in print or internet journalism, in communication fields that specialize in digital media, or in graduate programs in media studies, communication or other social science disciplines.

Outcome
Describe the Communication discipline and its central questions.

Outcome
Employ Communication theories, perspectives, principles, and concepts.

Outcome
Engage in Communication inquiry.

Outcome
Create messages appropriate to the audience, purpose, and context.

Outcome
Apply ethical communication principles and practices.

Outcome
Articulate the connection between communication and culture.

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

Multimedia Journalism Major

Fulfill ALL of the following requirements:

Core Courses

Complete ALL of the following Courses:

- COM213 - Public Speaking
- COM260 - Media Writing
- COM305 - News Reporting
  OR ENG305 - News Reporting
- COM306 - Advanced Reporting
  OR ENG306 - Advanced Reporting
- COM316 - Communication Theory
- COM405 - Digital Journalism
- COM420 - Ethics in Communication
- COM497 - Portfolio Development
- COM498 - Internship: Capstone

AND

Critical/Analysis Courses

Complete at least 2 of the following courses:

- COM211 - Media and Society
- COM315 - Intercultural Communication
- COM329 - Media & Cultural Identity
- COM411 - Media Seminar
- ENG230 - Rdgs in Race, Class & Gender

AND

Technical Courses

Complete at least 2 of the following courses:

- ART113 - Intro to Art Software
- ART325 - Visual Communication
- CS315 - Web Design & Development
- DM299 - Digital Storytelling
- DM399 - Introduction to Video Editing
- DM497 - Adv Film & Media Production

- MUS333 - Audio Engineering

AND

Experiential Courses

Complete a total of 1.0 course credits.

Earn at least 1 credits from the following:

- COM374 - Radio Practicum
- COM375 - Digital Media Practicum
- COM468 - Internship
- ENG365 - Media Practicum

COM 468 is offered for variable credit.

COM 374, COM 375, and ENG 365 are 0.25 course credit each.

Courses are repeatable.

JOU.BS - Multimedia Journalism BS

General

Description

The Multimedia Journalism major provides students the opportunity to become professional storytellers. Whether in print or on a screen, the story of our world, events, and history is understood in narrative form. Understanding how that narrative informs and constructs a public agenda in a free society is part of the theoretical knowledge of this major. Students are encouraged to gain practical experience through internships or by working on our University newspaper or radio station. The major is recommended for students who plan to pursue careers in print or internet journalism, in communication fields that specialize in digital media, or in graduate programs in media studies, communication or other social science disciplines.

Outcome
Describe the Communication discipline and its central questions.

Outcome
Employ Communication theories, perspectives, principles, and concepts.

Outcome
Engage in Communication inquiry.

Outcome
Create messages appropriate to the audience, purpose, and context.

Outcome
Apply ethical communication principles and practices.

Outcome
Articulate the connection between communication and culture.

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

Multimedia Journalism Major

Fulfill ALL of the following requirements:

Core Courses

Complete ALL of the following Courses:

- COM213 - Public Speaking
- COM260 - Media Writing
- COM305 - News Reporting
  OR ENG305 - News Reporting
- COM306 - Advanced Reporting
  OR ENG306 - Advanced Reporting
- COM316 - Communication Theory
- COM405 - Digital Journalism
- COM420 - Ethics in Communication
- COM497 - Portfolio Development
- COM498 - Internship: Capstone

AND

Critical/Analysis Courses

Complete at least 2 of the following courses:

- COM211 - Media and Society
- COM315 - Intercultural Communication
- COM329 - Media & Cultural Identity
- COM411 - Media Seminar
- ENG230 - Rdgs in Race, Class & Gender

AND

Technical Courses

Complete at least 2 of the following courses:

- ART113 - Intro to Art Software
- ART325 - Visual Communication
- CS315 - Web Design & Development
- DM299 - Digital Storytelling
- DM399 - Introduction to Video Editing
- DM497 - Adv Film & Media Production
- MUS333 - Audio Engineering

AND

Experiential Courses

Earn at least 1 credits from the following:

- COM374 - Radio Practicum
- COM375 - Digital Media Practicum
- COM468 - Internship

- ENG365 - Media Practicum

COM 468 is offered for variable credit.

COM 374, COM 375, and ENG 365 are 0.25 course credit each.

Courses are repeatable.

Bachelor of Science Option
Type
Completion Requirement

Math Requirement

Complete two college-level mathematics courses.

JOU.MIN - Multimedia Journalism Minor

General

Description
The minor in Multimedia Journalism gives students the opportunity to learn journalistic skills which can support their future career goals. A total of five course credits is required.

Outcome
Create messages appropriate to the audience, purpose, and context.

Outcome
Articulate the connection between communication and culture.

Requirements

Simple Requisites

Minor Requirements
Type
Completion Requirement

Multimedia Journalism Courses

Fulfill ALL of the following requirements:

Required Core Courses

Complete ALL of the following Courses:

- COM211 - Media and Society
- COM260 - Media Writing
- COM305 - News Reporting
  OR ENG305 - News Reporting
- COM375 - Digital Media Practicum
- COM497 - Portfolio Development

COM 375 is a 0.25 credit course. Two sections are required.

COM 497 is a 0.5 credit course

AND

Elective Courses (Choose One)

Complete at least 1 of the following courses:

- COM306 - Advanced Reporting
  OR ENG306 - Advanced Reporting
- DM399 - Introduction to Video Editing
  OR
- CS315 - Web Design & Development
- COM405 - Digital Journalism
- COM411 - Media Seminar
- ART113 - Intro to Art Software
- DM299 - Digital Storytelling

JRN.MIN - Journalism in English Minor

General

Description
An English minor consists of a minimum of five credits (20 semester hours) to include ENG 201, ENG 220 and at least three additional English courses taken at the 300 or 400 level. See the English department program page for specific minors that can be selected and transcripted.
Program Information
Note: with permission of the department chair or writing program director, ENG 350 or ENG 410 can be substituted for an English elective credit if the topic is appropriate for the minor in question. ENG 468 cannot be counted as an elective toward the minor.

Any English minor may be used to satisfy the minor requirements for elementary education majors for State of Illinois licensure.

Requirements

Simple Requisites

Minor Requirements
Type
Completion Requirement

Journalism Courses

Complete ALL of the following Courses:

- ENG201 - Comp III:Clsscl Rhet/Cont Discourse
- ENG220 - Principles of Literary Study
- ENG305 - News Reporting
- ENG306 - Advanced Reporting
- ENG365 - Media Practicum

JZS.BM - Jazz Studies BM

General

Description
Bachelor of Music with a Major in Jazz Studies Elmhurst's bachelor of music degree in jazz studies provides great preparation for a career in jazz or commercial music. The program offers a wealth of instructional resources, including coursework in improvisation, jazz history and theory; applied jazz lessons; and an abundance of performing experience, both in small combos and in large ensembles. Music Courses: Concert Attendance: MUS 100 each term, with or without credit Music Theory: MUS 135, 136, 235, 236 Music History: MUS 343, 344 Music Business: MUS 330 Music Education: MUS 369 Jazz Studies Courses: MUS 120 Jazz Fundamentals I MUS 121 Jazz Fundamentals II MUS 223 Jazz Keyboard Fundamentals MUS 290 Digital Music I MUS 318 Jazz: A History

and Analysis MUS 325 Rhythm Section Fundamentals MUS 350 Jazz Arranging I MUS 430 Jazz Improvisation I MUS 431 Jazz Improvisation II Applied Music: Classical study for credit: Two terms on major instrument or voice Applied Jazz Study for credit: Six terms on major instrument or voice Band, Choir or Orchestra: four terms on major instrument or voice Large Jazz Ensemble: each term enrolled, up to six (large ensemble defined as Jazz Band, Vocal Jazz Ensemble, Jazz Guitar Ensemble) For jazz studies majors, Jazz Band II, Vocal Jazz I, Vocal Jazz II and Gretsch Guitar Ensemble may count as a major performing ensemble after four terms of Choir, Concert Band or Orchestra have been fulfilled. Guitar majors may select classical guitar ensemble to fulfill this requirement. Jazz Combo: minimum of four terms Senior Recital (Junior Recital optional)

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

Music Courses

Complete ALL of the following Courses:

- MUS100 - Concert Attendance
- MUS135 - Theory I
  AND MUS136 - Theory II
  AND MUS235 - Theory III
  AND MUS236 - Theory IV
- MUS343 - History & Literature of Music I
  AND MUS344 - History & Literature of Music II
- MUS330 - Principles & Procedures in Music Bus
- MUS369 - Conducting I

MUS100 must be completed each term, with or without credit.

Jazz Studies Courses

Complete ALL of the following Courses:

- MUS120 - Jazz Fundamentals I
- MUS121 - Jazz Fundamentals II
- MUS223 - Jazz Keyboard Fundamentals
- MUS290 - Digital Music I
- MUS318 - Jazz: A History & Analysis
- MUS325 - Rhythm Section Fundamentals
- MUS350 - Jazz Arranging I
- MUS430 - Jazz Improvisation I
- MUS431 - Jazz Improvisation II

Applied Music

Complete all of the following:

• Classical study for credit: Two terms on major instrument or voice

• Applied Jazz Study for credit: Six terms on major instrument or voice

• Band, Choir or Orchestra: four terms on major instrument or voice

• Large Jazz Ensemble: each term enrolled, up to six (large ensemble defined as Jazz Band, Vocal Jazz Ensemble, Vocal Jazz Ensemble (388), Gretsch Guitar Ensemble with or without credit)

• The music production minor is a sequence of courses designed to prepare students for employment in the area of music production in various capacities, including arranger, media composer, sound recordist and editor, contractor, publisher, and producer. This minor serves as an additive utility for students pursuing a major program in music and as a program of study that is useful to students of other disciplines, such as computer science, media arts, and more.

• Senior Recital (Junior Recital optional)

JZS.MIN - Jazz Studies Minor

General

Description
The minor in jazz studies is designed for students who wish to pursue a program of study in jazz and commercial music in addition to their primary area of study. This program creates the theoretical foundation necessary to be proficient in the study and performance of jazz and related commercial music. The art of improvisation is a major component of the music, and the study of it is essential to understanding the music. Students in this program ill learn to participate in the world of jazz and commercial music.

Requirements

Simple Requisites

Minor Requirements
Type
Completion Requirement

Jazz Studies Courses

Fulfill ALL of the following requirements:

Required

Complete ALL of the following Courses:

- MUS120 - Jazz Fundamentals I
- MUS121 - Jazz Fundamentals II
- MUS430 - Jazz Improvisation I

AND

Required

Earn at least 1 credits from the following:

- MUS318 - Jazz: A History & Analysis
- MUS223 - Jazz Keyboard Fundamentals
- MUS325 - Rhythm Section Fundamentals
- MUS350 - Jazz Arranging I
- MUS431 - Jazz Improvisation II

AND

Required

Four terms in a jazz combo (noncredit to 2.00 credits)

AND

Required

Three terms in a large jazz ensemble (noncredit to .75 credit)

AND

Required

Complete ALL of the following Courses:

- AMJ202 - Jazz Improvisation
- AMJ302 - Jazz Improvisation

LBS1.MTL - Graduate Certificate in Special Education Endorsement

General

Description
Graduate Certificate in Special Education

Requirements

Simple Requisites

Endorsement Requirements
Type
Completion Requirement

Special Education Courses

Complete ALL of the following Courses:

- MTL514 - Char Lrnrs with Disabilities
- MTL524 - Ed AssmtProcess&LrnrsDisabil
- MTL532 - Tchng in the Diverse Classrm
- MTL535 - C&I Lrnrs/Hi Incidence Disab
- MTL537 - C&I Lrnrs/Lo Incidence Disab

LGL.MIN - Legal Studies Minor

General

Description
The goal of the Legal Studies Minor is to offer students a foundation for success as they transition to law school or other legal related careers. The Legal Studies Minor provides an interdisciplinary introduction to the study of law through coursework which addresses the principles behind the US legal system and which explores the application of our laws across various disciplines including politics, criminal justice, business, public policy, sports, and more.

Outcome
Identify the fundamental structures, actors and processes composing the legal system.

Outcome
Demonstrate an understanding of fundamental legal principles.

Outcome
Analyze the impact of the legal system and law on society overall, as well as, on different social groups.

Requirements

Simple Requisites

Minor Requirements
Type
Completion Requirement

Analytical Thinking

Complete ALL of the following Courses:

- PHL220 - Logic

Introduction to the Law

Complete ALL of the following Courses:

- POL340 - Intro to Law

Principles of the Law

Complete ANY of the following Courses:

- CJ411 - Criminal Law and Procedure
- PHL315 - Philosophy of Law
- POL410 - Environmental Law
- POL411 - Constitutional Law :Civil Liberties
- POL412 - Constitutional Law: Civil Rights

Application of the Law

Complete ANY of the following Courses:

- BID355 - POL/REL:NativAmer:PubPol/Rel
- BUS365 - Business Law
- CJ320 - Corporate White Collar & Org. Crime
- KIN415 - Sport Law & Ethics
- POL240 - Law and Politics
- POL351 - Mock Trial I
- POL352 - Mock Trial J
- POL353 - Mock Trial II

Mock Trial may only count toward one Legal Studies Minor course requirement (offered every Fall and Spring, but Spring enrollment demands prior Fall enrollment).

Note: POL 354 (truncated Spring enrollment) is not applicable to the Minor.

Elective Law

Complete ANY of the following Courses:

- CPP298 - Exploring the LegalProfession

Or:

- **Legal internship approved for credit by the Internship Coordinator and the Pre-Law Advisor.**
- **Any additional Principles of the Law or Application of the Law course from the options above.**

Additional Comments:
Course work for the Legal Studies Minor must come from three different disciplines (three different prefixes). At least one-half of the courses required for this minor may not be counted toward any other major or minor.

Course Requirements: 5 Courses

LIT.MIN - Literature Minor

General

Description
An English minor consists of a minimum of five credits (20 semester hours) to include ENG 201, ENG 220 (preferred) or ENG 200 or equivalent and at least three additional English courses taken at the 300 or 400 level. See the English department program page for specific minors that can be selected and transcripted.

Program Information
Note: with permission of the department chair or writing program director, ENG 350 or ENG 410 can be substituted for an English elective credit if the topic is appropriate for the minor in question. ENG 468 cannot be counted as an elective toward the minor.

Any English minor may be used to satisfy the minor requirements for elementary education majors for State of Illinois licensure.

Requirements

Simple Requisites

Minor Requirements
Type
Completion Requirement

Literature Courses

Fulfill ALL of the following requirements:

Required

Complete ALL of the following Courses:
- ENG201 - Comp III:Clsscl Rhet/Cont Discourse
- ENG220 - Principles of Literary Study

AND

Literature Electives

Three literature courses at the 300/400 level

LSM.BS - Logistics and Supply Chain Management BS

General

Description
A student majoring in logistics and supply chain management must complete five courses in addition to the Core Curriculum.

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

Business Core

A minimum grade of C or better in the business core as well as in a special field major is required for graduation.

Complete ALL of the following Course Sets:
- Business Core

Logistics and Supply Chain Management Major

Fulfill ALL of the following requirements:

Required

Complete ALL of the following Courses:
- BUS302 - Supply Chain Mgt I:Purchasing, Inventor
- BUS303 - Supply Chain Mgt II:Manufacturng, Distr
- BUS402 - Global Bus Process Mgt

AND

Required Electives

Complete at least 2 of the following courses:
- BUS310 - BusinessAnalysisUse MS Excel
- BUS350 - Cultural Diversity in Org
- BUS355 - Negotiations: Theory & Practice
- BUS365 - Business Law
- BUS431 - Business to Business Professional Sell
- BUS468 - Internship
- BUS470 - Seminar in Special Topics
- BUS492 - Independent Study
- ECO314 - International Economics
- GEO207 - Foundations of GIS

LTS.BA - Latino Studies BA

General

Description
The Latino Studies Major consists of 7.5 credits (30 hours) , composed of three required courses, four elective courses and a Capstone course (WL 451).

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

Latino Studies Major

The Latino Studies Major consists of 7.5 credits (30 hours) , composed of three required courses, four elective courses and a Capstone course (WL 451).

LTS.MIN - Latino Studies Minor

General

Description
A minor in Latino Studies consists of five courses, three required and two electives selected from a provided list.

Requirements

MCO.MIN - Composition/Arranging Minor

General

Description
The Minor in Composition/Arranging is designed for music majors who wish to pursue studies in the analytical and creative aspects of music while maintaining a primary focus in another music discipline. The minor requires completion of courses for the B.A. in Music.

Requirements

Simple Requisites

Minor Requirements
Type
Completion Requirement

Composition/Arranging Courses

Fulfill ALL of the following requirements:

Required

Complete ALL of the following Courses:

- MUS290 - Digital Music I
- MUS335 - Orchestration & Arranging
- MUS395 - Special Studies in Music Theory

• AMC 100 Composition Seminar (two semesters, concurrently with applied lessons)

AND

Two of the following:

Complete at least 2 of the following courses:

- AMC202 - Composition
  OR AMC302 - Composition
- AMC222 - Film Scoring
  OR AMC322 - Film Scoring
- AMC242 - Songwriting
  OR AMC342 - Songwriting
- AMA202 - Arranging & Scoring
  OR AMA302 - Arranging & Scoring
- AML202 - MIDI/Electronic Composition
  OR AML302 - MIDI/Electronic Composition

MED.BM - Music Education Bm- Non Certified

General

Description
Pre placement in education

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

Music Core

Complete ALL of the following Courses:

- MUS100 - Concert Attendance
- MUS135 - Theory I
- MUS136 - Theory II
- MUS235 - Theory III
- MUS236 - Theory IV
- MUS343 - History & Literature of Music I
- MUS344 - History & Literature of Music II
- MUS369 - Conducting I
- MUS370 - Conducting II
- MUS389 - Conducting III

• Concert Attendance: MUS 100 each term, with or without credit

• Applied music: Six terms for credit on major instrument or voice

• Band, Orchestra or Choir: One course each term, with or without credit on major instrument or voice

Education and Psychology Courses

Complete ALL of the following Courses:

- EDU104 - Cultural Foundatns Educ U.S.
- SEC300 - Teaching in Diverse Schools
- TEL317 - Mthds&MaterialTchgEngLangLrnr
- SEC421 - Academic Literacies for K-12
- SEC450 - Sem in Collab & Prof Prac

Music Education Major

Fulfill ALL of the following requirements:

Music Education Courses

Complete ALL of the following Courses:

- MUS150 - Intro to Mus Ed
- MUS222 - Functional Class Piano II
- MUS251 - Woodwind Techniques
  AND MUS252 - Percussion Techniques
  AND MUS253 - Vocal Techniques
  AND MUS254 - Brass Techniques
  AND MUS255 - String Techniques
- MUS258 - Technology for Mus Educators
- MUS362 - Instrumental & Choral Ensembles
- MUS366 - Teaching PreK-12 Classroom Music
- MUS457 - Student Teaching in Music

(100 hours of clinical experience are required prior to student teaching)

AND

Technique Courses

Complete at least 2 of the following courses:

- MUS250 - Guitar Techniques
- MUS256 - Jazz Techniques
- MUS257 - Choral Methods
- MUS260 - Marching Band Techniques
- MUS336 - String Improvisation for Educators
- MUS353 - Diction Singrs&Mus Edu Mjrs

Additional Comments:
A minimum of 18 full credits are required in music.

A student must maintain a 2.75 general grade-point average and a 2.75 grade-point average in the music education major.

MED.BM.SPC12 - Music Education SPC12 BM

General

Description
Bachelor of Music with a Major in Music Education The Elmhurst University Department of Music endorses the ideals and subject areas that are traditionally listed in liberal arts curricula. Further, the Department of Music recognizes preparation of well-qualified teachers of music as a legitimate aspect of the liberal arts program. Our total program is intended to prepare teachers who are able to assist students in making sound aesthetic judgments.

Music education students will have numerous "live teaching" experiences in the public schools in preparation for student teaching. Graduates are licensed to teach grades PreK-12 in Illinois and most other states.

Outcome
1A. Implement and evaluate innovative, responsive, and evidence-based practices to advance content knowledge while affirming student identity. (IPTS 1, 2, 5)

Outcome
2A: Apply a multiplicity of literacies required for learning new content knowledge in order to guide students in processes to navigate their communities. (IPTS 2, 3, 5, 6)

Outcome
3A: Ensure equitable student-driven engagement in learning by leveraging student diversity through culturally responsive teaching. (IPTS 1, 5)

Outcome
4A: Uses classroom organizational routines and norms that align with restorative justice practices and are responsive to democratic and cultural values of all students and their families. (IPTS 4)

Outcome
5A: Candidates will collaborate with stakeholders to create learning opportunities that affirm the lived experiences, diverse histories, and languages of the learning community. (IPTS 8)

Outcome
6A: Explains how critical reflection is utilized before, during, and after instruction through collaboration with others, interaction with theory and research, and analysis of student data and feedback. (IPTS 9)

Outcome
1B: Utilize culturally relevant, critical, and anti-racist pedagogies demonstrating use of diverse and complex materials with opportunities for critical thinking to fully engage the curriculum. (IPTS 1, 3, 5)

Outcome
2B: Apply multi-textual, multicultural, and multi-modal resources representing diverse ways of thinking within learning concepts. (IPTS 2, 3, 5)

Outcome
3B: Meet the individual needs of all students through developmentally appropriate practices with high expectations. (IPTS 2, 3, 5)

Outcome
4B: Create an inclusive community of learners by using systems of support, materials, resources, and authentic artifacts that are welcoming and representative of all students and their families. (IPTS 4)

Outcome
5B: Candidates will collaborate with stakeholders to create equitable, supportive, and reflective learning environments. (IPTS 4, 8)

Outcome
6B: Advocates for self, students, and families by listening, communicating, and questioning that lead to the evaluation and adaptation of instructional practices and supports to address the needs of all students and families. (IPTS 9)

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

Music Core

Complete ALL of the following Courses:

- MUS100 - Concert Attendance
- MUS135 - Theory I
- MUS136 - Theory II
- MUS235 - Theory III
- MUS236 - Theory IV
- MUS343 - History & Literature of Music I
- MUS344 - History & Literature of Music II
- MUS369 - Conducting I
- MUS370 - Conducting II
- MUS389 - Conducting III

• Concert Attendance: MUS 100 each term, with or without credit

• Applied music: Six terms for credit on major instrument or voice

• Band, Orchestra or Choir: One course each term, with or without credit on major instrument or voice

Education and Psychology Courses

Complete ALL of the following Courses:

- EDU104 - Cultural Foundatns Educ U.S.
- SEC300 - Teaching in Diverse Schools
- TEL317 - Mthds&MaterialTchgEngLangLrnr
- SEC421 - Academic Literacies for K-12
- SEC450 - Sem in Collab & Prof Prac
- EDU223 - PK-12Learnrs/Exceptionalities
- EDU311 - Educational Psychology

Music Education Major

Fulfill ALL of the following requirements:

Music Education Courses

Complete ALL of the following Courses:

- MUS150 - Intro to Mus Ed
- MUS222 - Functional Class Piano II
- MUS251 - Woodwind Techniques
  AND MUS252 - Percussion Techniques
  AND MUS253 - Vocal Techniques
  AND MUS254 - Brass Techniques
  AND MUS255 - String Techniques
- MUS258 - Technology for Mus Educators
- MUS362 - Instrumental & Choral Ensembles
- MUS366 - Teaching PreK-12 Classroom Music
- MUS457 - Student Teaching in Music

(100 hours of clinical experience are required prior to student teaching)

AND

Technique Courses

Complete at least 2 of the following courses:

- MUS250 - Guitar Techniques
- MUS256 - Jazz Techniques
- MUS257 - Choral Methods
- MUS260 - Marching Band Techniques
- MUS336 - String Improvisation for Educators
- MUS353 - Diction Singrs&Mus Edu Mjrs

Additional Comments:
A minimum of 18 full credits are required in music.

A student must maintain a 2.75 general grade-point average and a 2.75 grade-point average in the music education major.

MEH.MIN - Medical Humanities Minor

General

Description
The medical humanities minor is designed to serve as a basis for the development and understanding of the skills and attributes associated with humanistic health care delivery. The term "medical humanities" refers to a study of the aspects of health care delivery that include ethical considerations of the provider-client relationship, as well as the humanistic components essential to good health care delivery, such as effective communication, integrity, excellence, compassion, altruism, respect for clients and colleagues, empathy and service. The minor is open to any student interested in the discourse among medicine, science and caregiving as a humane and humanistic art.

Outcome
To heighten in students an awareness and appreciation of the varied ways human beings create and struggle with meaning and purpose in their lives, especially as they face illness, adversity, suffering and death

Outcome
To engage students in a course of study (beyond the essential scientific information and clinical skills) that brings together academic and clinical experiences that attend to the central concepts and practices in the medical humanities

Outcome
To involve students in well-informed ethical decision making, improve their ability to interact with persons of different backgrounds and cultures, and provide them an active introduction to research and clinical experience

Outcome
To expose students to diverse perspectives that scholars from many fields bring to complex questions involving health care and the health professions

Program Information
The medical humanities minor has become one way for students who apply to professional health care programs to distinguish themselves from other applicants.

Objectives of the Minor

• To heighten in students an awareness and appreciation of the varied ways human beings create and struggle with meaning and purpose in their lives, especially as they face illness, adversity, suffering and death

• To engage students in a course of study (beyond the essential scientific information and clinical skills) that brings together academic and clinical experiences that attend to the central concepts and practices in the medical humanities

• To involve students in well-informed ethical decision making, improve their ability to interact with persons of different backgrounds and cultures, and provide them an active introduction to research and clinical experience

• To expose students to diverse perspectives that scholars from many fields bring to complex questions involving health care and the health professions

A student who declares this minor must meet each term with the program coordinator to review their progress and discuss related courses and experiences.

The minor requires six courses, consisting of four core courses and two electives, chosen from a set of relevant courses offered by several different departments.

Students must earn a C- or higher for each course counted toward completion of the minor. Courses taken as pass/no pass must have a final grade equivalent to a C- or higher for a pass grade.

FACULTY
Russell Ford (Philosophy) - Faculty Coordinator
Erica Ashauer (Health Professions Advising) - Program Coordinator

Requirements

Simple Requisites

Minor Requirements
Type
Completion Requirement

Medical Humanities Courses

Fulfill ALL of the following requirements:

Required

Complete ALL of the following Courses:

- PHL316 - Biomedical Ethics
- COM315 - Intercultural Communication
- MEH490 - Med Humanities Clinical Exp
  OR PH440 - Public Health Fieldwork
  OR NRS411 - Syn:ProfNrs Pract Complx Sys
  OR KIN450 - Clinical Internship
  OR CSD476 - LangStimulation&EnrichmentExp
  OR CSD477 - CAPSTONE:ExpLrng&Assist Clinical Prac
  OR NRS309 - Adult Health Nursing I
- MEH491 - Med Humanities Sem/Rsrch Cap

AND

Two of the following:

Complete at least 2 of the following courses:

- BID300 - PHL/PSY Neuroethics
- COM326 - Health Communication
- CSD242 - Towards Understanding Autism
- CSD356 - Children at Risk
- CSD382 - GlobalPersComDisabl:CostaRica
- ENG230 - Rdgs in Race, Class & Gender
- MEH320 - Quality/Safety in Healthcare
- PH250 - SystemThinkApproachSocDeterminantHealth
- PH310 - Public Health & Global Citizenship
- PSY348 - Health Psychology
- REL332 - Rel Ethics & Health Care
- SOC304 - Race and Ethnic Relations
- SOC305 - Sex and Gender in Society
- SOC316 - Society, Health, and Illness
- SPN306 - Medical Spanish

The two elective courses accepted for the minor must be taken from two different departments.

At least three credits for the minor must be at the 300/400 level.

MELA.BA - Middle Grades English Language Arts BA

General

Description
The Middle Grades English Language Arts major is designed to provide teacher candidates interested in teaching English Language Arts and/or Reading to explore language and literacies within the 5-8/Pre-K-12 grade bands. The MELA program designs classical and contemporary theoretical foundations of pedagogical knowledge and English content knowledge to support excellent middle school grades, with an emphasis in reading instruction that leads to the Reading Teacher Endorsement (Pre-K-12). MELA, as a truly interdisciplinary major, provides an in-depth study of classical, contemporary, post-colonial and adolescent literature combined with courses that enable students to diagnose and remediate the challenges many students experience in Pre-K-12 grades that impact their school success.

Outcome
1A. Implement and evaluate innovative, responsive, and evidence-based practices to advance content knowledge while affirming student identity. (IPTS 1, 2, 5)

Outcome
2A: Apply a multiplicity of literacies required for learning new content knowledge in order to guide students in processes to navigate their communities. (IPTS 2, 3, 5, 6)

Outcome
3A: Ensure equitable student-driven engagement in learning by leveraging student diversity through culturally responsive teaching. (IPTS 1, 5)

Outcome
4A: Uses classroom organizational routines and norms that align with restorative justice practices and are responsive to democratic and cultural values of all students and their families. (IPTS 4)

Outcome
5A: Candidates will collaborate with stakeholders to create learning opportunities that affirm the lived experiences, diverse histories, and languages of the learning community. (IPTS 8)

Outcome
6A: Explains how critical reflection is utilized before, during, and after instruction through collaboration with others, interaction with theory and research, and analysis of student data and feedback. (IPTS 9)

Outcome
1B: Utilize culturally relevant, critical, and anti-racist pedagogies demonstrating use of diverse and complex materials with opportunities for critical thinking to fully engage the curriculum. (IPTS 1, 3, 5)

Outcome
2B: Apply multi-textual, multicultural, and multi-modal resources representing diverse ways of thinking within learning concepts. (IPTS 2, 3, 5)

Outcome
3B: Meet the individual needs of all students through developmentally appropriate practices with high expectations. (IPTS 2, 3, 5)

Outcome
4B: Create an inclusive community of learners by using systems of support, materials, resources, and authentic artifacts that are welcoming and representative of all students and their families. (IPTS 4)

Outcome
5B: Candidates will collaborate with stakeholders to create equitable, supportive, and reflective learning environments. (IPTS 4, 8)

Outcome
6B: Advocates for self, students, and families by listening, communicating, and questioning that lead to the evaluation and adaptation of instructional practices and supports to address the needs of all students and families. (IPTS 9)

Program Information
All MELA teacher candidates are prepared to serve a wide range of students in the 5-8 classroom or within specialized school settings where they can use their expertise as prepared reading teachers to support students' needs, uniquely and to collaborate with content area teachers, across discipline areas with effective planning, instruction, and assessment to support content area knowledge development through literacies.

The MELA major requires a comprehensive set of foundational coursework in education that is integrated with courses in professional studies and across other education disciplinary areas, all with a concentration in literacy. Students must apply and be formally admitted to the Teacher Education Program to enter upper-level coursework.

All courses must be completed with a C- (1.7) or higher grade. Students must maintain a cumulative GPA of 2.750 or higher to remain in the program and fulfill licensure requirements. Students also must pass the State-mandated content area tests before student teaching: Test #201 Middle Grades (5-8) Language Arts and the Reading Teaching Endorsement Test #222.

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

Middle Grades English Language Arts Major

Complete ALL of the following Courses:
- EDU104 - Cultural Foundatns Educ U.S.
- EDU223 - PK-12Learnrs/Exceptionalities
- EDU311 - Educational Psychology
- SEC300 - Teaching in Diverse Schools
- SEC310 - Meth&BestPrac in Mid&SecEdu
- TEL317 - Mthds&MaterialTchgEngLangLrnr
- SEC360 - MiddleSchool:HisPhilOrgStuct&BestPrac
- SEC421 - Academic Literacies for K-12
- SEC450 - Sem in Collab & Prof Prac
- SEC455 - Student Tchg in Sec/Mid Sch

English Courses

Complete ALL of the following Courses:
- ENG201 - Comp III:Clsscl Rhet/Cont Discourse
- ENG220 - Principles of Literary Study
- ENG352 - American Literature II
- ENG372 - Multicultural/Postcolonial Literature
- EDU430 - WritingPedagogy forMiddleLevelClassroom
- ENG416 - History & Structure of English
- ENG441 - TheTeachingEnglishLangArts in Mid Grade

Reading Teacher Endorsement

Complete ALL of the following Courses:
- SEC421 - Academic Literacies for K-12
- SPE440 - Diag&RemedRdgDifficulties
- ENG315 - Adolescent Literature
- EDU322 - Literacy Fundamentals
- ELM314 - MethodsMaterialsLit Primary
  AND EDU445 - Literacy Practicum

MGM.BS - Middle Grades Mathematics BS

General

Description
This major encompasses the coursework requirements for Illinois teacher licensure in (5–8) mathematics. Students must apply and be formally admitted to

the Teacher Education Program to enter upper-level coursework. All courses must be completed with a grade of C- (1.7) or higher. Students must maintain cumulative GPA of 2.750 or higher to remain in the program and fulfill licensure requirements. Students also must pass the State mandated content area tests prior to student teaching: Test 202 Middle Grades (5–8) math.

Outcome
1A. Implement and evaluate innovative, responsive, and evidence-based practices to advance content knowledge while affirming student identity. (IPTS 1, 2, 5)

Outcome
2A: Apply a multiplicity of literacies required for learning new content knowledge in order to guide students in processes to navigate their communities. (IPTS 2, 3, 5, 6)

Outcome
3A: Ensure equitable student-driven engagement in learning by leveraging student diversity through culturally responsive teaching. (IPTS 1, 5)

Outcome
4A: Uses classroom organizational routines and norms that align with restorative justice practices and are responsive to democratic and cultural values of all students and their families. (IPTS 4)

Outcome
5A: Candidates will collaborate with stakeholders to create learning opportunities that affirm the lived experiences, diverse histories, and languages of the learning community. (IPTS 8)

Outcome
6A: Explains how critical reflection is utilized before, during, and after instruction through collaboration with others, interaction with theory and research, and analysis of student data and feedback. (IPTS 9)

Outcome
1B: Utilize culturally relevant, critical, and anti-racist pedagogies demonstrating use of diverse and complex materials with opportunities for critical thinking to fully engage the curriculum. (IPTS 1, 3, 5)

Outcome
2B: Apply multi-textual, multicultural, and multi-modal resources representing diverse ways of thinking within learning concepts. (IPTS 2, 3, 5)

Outcome
3B: Meet the individual needs of all students through developmentally appropriate practices with high expectations. (IPTS 2, 3, 5)

Outcome
4B: Create an inclusive community of learners by using systems of support, materials, resources, and authentic artifacts that are welcoming and representative of all students and their families.

Outcome
6B: Advocates for self, students, and families by listening, communicating, and questioning that lead to the evaluation and adaptation of instructional practices and supports to address the needs of all students and families. (IPTS 9)

Program Information
Students must complete at least half of their courses at Elmhurst University and must complete three full terms at Elmhurst University prior to student teaching.

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

Professional Education Courses

Complete ALL of the following Courses:

- EDU104 - Cultural Foundatns Educ U.S.
- EDU223 - PK-12Learnrs/Exceptionalities
- EDU311 - Educational Psychology
- SEC300 - Teaching in Diverse Schools
- SEC310 - Meth&BestPrac in Mid&SecEdu

- TEL317 - Mthds&MaterialTchgEngLangLrnr
- SEC360 - MiddleSchool:HisPhilOrgStuct&BestPrac
- SEC421 - Academic Literacies for K-12
- MTH440 - Teaching Middle & Secondary School Math
- SEC450 - Sem in Collab & Prof Prac
- SEC455 - Student Tchg in Sec/Mid Sch

Mathematics Courses

Complete ALL of the following Courses:

- MTH132 - Precalculus
- MTH151 - Calculus I
- MTH301 - Discrete Mathematics
- MTH331 - Foundations of Geometry
- MTH325 - Math Concepts for Elementary Teachers I
- MTH345 - Elementary Statistics
  OR MTH346 - Statistics for Scientists

Instead of MTH 132 and MTH 151, a student may take MTH 151 and MTH 152.

MGT.BA - Management BA

General

Description

Requirements for a Major in Management A student majoring in management must complete the Core Curriculum and five additional courses in one of the following two areas of specialization: Human Resource Management and General Management.

Outcome
The student has a basic knowledge of the content of functional areas of business.

Outcome
The student is able to interpret numerical data and solve problems using quantitative methods.

Outcome
The student is able to leverage existing digital technologies ethically and efficiently to solve problems, complete tasks, and accomplish goals.

Outcome
The student also demonstrates effective adaptability to new and emerging technologies.

Outcome
The student is able to demonstrate sound reasoning to analyze issues, make decisions, and overcome problems. To do so the student is able to obtain, interpret, and use knowledge, facts, and data and may demonstrate originality and inventiveness.

Outcome
he student is able to effectively and articulate thoughts and ideas in written, oral forms to persons inside and outside of the organization individually and in teams.

Outcome
The student demonstrates personal accountability and effective work habits. Also, the student understands the role of integrity and ethical behavior relative to the larger community.

Outcome
The student demonstrates openness and the willingness to value, respect, and learn from diverse cultures, races, ages, genders, sexual orientations, and religions.

Outcome
The student is able to work within a team structure, build collaborative relationships with diverse individuals, leverage other individual's strengths, and manage conflict.

Outcome
The student is able to leverage the strengths of others to achieve common goals and use interpersonal skills to coach and develop others.

Outcome
The student is able to explore job options, understands and can take steps necessary to pursue opportunities, and understands how to self-advocate for opportunities in the workplace.

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

Business Core

Complete ALL of the following Course Sets:
- Business Core

Specialization Requirement

Fulfill ANY of the following requirements:

Human Resource Management

Fulfill ALL of the following requirements:

Required

Complete ALL of the following Courses:
- BUS350 - Cultural Diversity in Org
- BUS354 - Human Resource Management
- BUS453 - Organization Behavior

AND

Two of the following:

Complete at least 2 of the following courses:
- BUS310 - BusinessAnalysisUse MS Excel
- BUS355 - Negotiations: Theory & Practice
- BUS365 - Business Law
- BUS454 - Leadership
- BUS468 - Internship

AND

Recommended but not required:

Complete ANY of the following Courses:
- BUS470 - Seminar in Special Topics
- BUS492 - Independent Study

OR

General Management

Fulfill ALL of the following requirements:

Required

Complete ALL of the following Courses:
- BUS350 - Cultural Diversity in Org
- BUS356 - Operations Management
  OR BUS402 - Global Bus Process Mgt
- BUS453 - Organization Behavior

AND

Two of the following:

Complete at least 2 of the following courses:
- BUS355 - Negotiations: Theory & Practice
- BUS365 - Business Law
- BUS454 - Leadership
- BUS468 - Internship

AND

Recommended but not required:

Complete ANY of the following Courses:
- BUS310 - BusinessAnalysisUse MS Excel
- BUS470 - Seminar in Special Topics
- BUS492 - Independent Study

MGT.BS - Management BS

General

Description
Requirements for a Major in Management: A student majoring in management must complete the Core Curriculum and five additional courses in one of the following two areas of specialization: Human Resource Management and General Management.

Outcome
The student has a basic knowledge of the content of functional areas of business.

Outcome
The student is able to interpret numerical data and solve problems using quantitative methods.

Outcome
The student is able to leverage existing digital technologies ethically and efficiently to solve problems, complete tasks, and accomplish goals.

Outcome
The student also demonstrates effective adaptability to new and emerging technologies.

Outcome
The student is able to demonstrate sound reasoning to analyze issues, make decisions, and overcome problems. To do so the student is able to obtain, interpret, and use knowledge, facts, and data and may demonstrate originality and inventiveness.

Outcome
he student is able to effectively and articulate thoughts and ideas in written, oral forms to persons inside and outside of the organization individually and in teams.

Outcome
The student demonstrates personal accountability and effective work habits. Also, the student understands the role of integrity and ethical behavior relative to the larger community.

Outcome
The student demonstrates openness and the willingness to value, respect, and learn from diverse cultures, races, ages, genders, sexual orientations, and religions.

Outcome
The student is able to work within a team structure, build collaborative relationships with diverse individuals, leverage other individual's strengths, and manage conflict.

Outcome
The student is able to leverage the strengths of others to achieve common goals and use interpersonal skills to coach and develop others.

Outcome
The student is able to explore job options, understands and can take steps necessary to pursue opportunities, and understands how to self-advocate for opportunities in the workplace.

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

Business Core

Complete ALL of the following Course Sets:
- Business Core

Specialization Requirement

Fulfill ANY of the following requirements:

Human Resource Management

Fulfill ALL of the following requirements:

Required

Complete ALL of the following Courses:
- BUS350 - Cultural Diversity in Org
- BUS354 - Human Resource Management
- BUS453 - Organization Behavior

AND

Two of the following:

Complete at least 2 of the following courses:
- BUS310 - BusinessAnalysisUse MS Excel
- BUS355 - Negotiations: Theory & Practice
- BUS365 - Business Law
- BUS454 - Leadership
- BUS468 - Internship

AND

Recommended but not required:

Complete ANY of the following Courses:
- BUS470 - Seminar in Special Topics
- BUS492 - Independent Study

OR

General Management

Fulfill ALL of the following requirements:

Required

Complete ALL of the following Courses:
- BUS350 - Cultural Diversity in Org
- BUS356 - Operations Management
  OR BUS402 - Global Bus Process Mgt
- BUS453 - Organization Behavior

AND

Two of the following:

Complete at least 2 of the following courses:
- BUS355 - Negotiations: Theory & Practice
- BUS365 - Business Law
- BUS454 - Leadership
- BUS468 - Internship

AND

Recommended but not required:

Complete ANY of the following Courses:
- BUS310 - BusinessAnalysisUse MS Excel
- BUS470 - Seminar in Special Topics
- BUS492 - Independent Study

Bachelor of Science Option
Type
Completion Requirement

Math Requirement

Complete two college-level mathematics courses.

MI.BA - Music Industry BA

General

Description
Majors in Music Admission to any degree program in the music department is dependent upon successful completion of an audition interview with members of the music department faculty prior to the first term. This audition interview also serves as a screening procedure for music scholarship awards. Audition dates and times should be arranged with the music department office. All majors are required to present MUS 135, 136, 235, 236, 343 and 344 as a part of their graduation requirements.* They must also have at least six terms of applied music lessons taken on the college level on their major instrument or voice with the exception of Music Performance majors, who must take eight terms on their major instrument or voice with the last four terms taken for full (1.0) credit. For students enrolling as first-year students, these six terms must be taken at Elmhurst University. For transfer students, up to three terms of acceptable prior credit may be applied to this requirement. Each student must also attain and maintain membership in a major performing ensemble while a full-time music major at Elmhurst University on their major instrument or voice. Except for music education majors, guitar majors may select Classical Guitar Ensemble to fulfill this requirement. See specific degree programs for ensemble requirements. All music majors are also required to take MUS 100 Concert Attendance each term. Full-time students must attend a minimum of eight performances each term. A minimum cumulative grade-point average of 2.5 overall and 2.75 in music must be achieved by the student to be advanced to the junior level in music. These levels must then be maintained. Students below these standards may direct a request for a review of their status to the department chair. Music majors must pass the Keyboard Musicianship Examination (or MUS 222) as described in the department handbook prior to graduation, with the exception of music education majors, who must pass the keyboard musicianship examination prior to student teaching. Details of the programs, policies and certificates for music majors are found in the department handbook.

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

Business Courses

Complete ALL of the following Courses:
- BUS230 - Principles of Marketing
- BUS250 - Management Theory and Practice
- BUS263 - Acc & Financial Mgt for Non-Bus Majors
- BUS352 - Entrepreneurship
- BUS337 - Social Media Strategy
- BUS338 - Digital Inbound Marketing Strategy
- BUS434 - Advertisng&integrated Marketing Campaign

Music Business Courses

Complete ALL of the following Courses:
- MUS140 - Music Industry Survey
- MUS330 - Principles & Procedures in Music Bus
- MUS331 - Advanced Studies in Music Business
- MUS332 - Production of Sound Recordings
- MUS340 - Music and Entertainment Law
- MUS341 - ConcertPromo&VenueManagement
- MUS468 - Internship:Capstone

Music Electives

Complete at least 2 of the following courses:
- MUS333 - Audio Engineering
- DM399 - Introduction to Video Editing
- COM219 - Intro to Public Relations

Music Courses

Complete ALL of the following Courses:
- MUS134 - Music Fundamentals
  OR MUS135 - Theory I
- MUS221 - Functional Class Piano I
- MUS100 - Concert Attendance

• 2 Semesters of applied music lessons on voice, or other instrument

• Concert Attendance: MUS 100 each term, with or without credit

• Music Ensemble or Practical Applications of Live Music Production, 4 semesters required

MI.MIN - Music Industry Minor

General

Description
The Music Industry Minor gives students an opportunity to gain knowledge and experience in the rapidly growing music industry. Music publishing, copyright, live performance, artist management, royalties, and recording contracts are explored in detail. Marketing, management, and advertising are also studied which provide knowledge and experience necessary to be successful in the industry. The Music Industry minor prepares students for work in the industry in areas such as concert promotion, booking agencies, music law, performance management, licensing, and royalty collection and distribution.

Requirements

Simple Requisites

Minor Requirements
Type
Completion Requirement

Music Industry Courses

Complete ALL of the following Courses:
- MUS330 - Principles & Procedures in Music Bus
- MUS340 - Music and Entertainment Law
- MUS341 - ConcertPromo&VenueManagement
- BUS230 - Principles of Marketing
- BUS434 - Advertisng&integrated Marketing Campaign

MKT.BA - Marketing BA

General

Description
Major in Marketing A student majoring in marketing must complete the Core Curriculum plus five additional courses in either of two areas of specialization: integrated marketing management or market research and consumer insight.

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

Business Core

Complete ALL of the following Course Sets:
- Business Core

Area of Specialization

Complete at least 1 of the following:

Integrated Marketing Management

Fulfill ALL of the following requirements:

Required

Complete ALL of the following Courses:
- BUS439 - Capstone:IntegratedMarketingMgt

AND

One of the following:

Complete at least 1 of the following courses:
- BUS330 - Consumer Behavior
- BUS333 - Marketing Research

AND

3 Credits of Electives

Earn at least 3 credits from the following:
- BUS330 - Consumer Behavior
  OR BUS333 - Marketing Research
- BUS337 - Social Media Strategy
- BUS338 - Digital Inbound Marketing Strategy
- BUS375 - Capstone: Global Business
- BUS431 - Business to Business Professional Sell
- BUS432 - Science Of Retailing & E-Commerce
- BUS434 - Advertisng&integrated Marketing Campaign
- BUS468 - Internship

• A student may also take BUS 470 Seminars in Special Topics or BUS 492 Independent Study as approved by the Dean and Marketing Advisor

(BUS330 and BUS333 cannot count twice)

OR

Marketing Research and Consumer Insights

Fulfill ALL of the following requirements:

Required

Complete ALL of the following Courses:
- BUS333 - Marketing Research
- BUS439 - Capstone:IntegratedMarketingMgt

AND

3 Credits of Electives

Earn at least 3 credits from the following:
- BUS330 - Consumer Behavior
- BUS434 - Advertisng&integrated Marketing Campaign
- BUS468 - Internship
- BUS492 - Independent Study

It is recommended that BUS 330 Consumer Behavior and/or BUS 333 Marketing Research be taken before all other marketing electives.

MKT.BS - Marketing BS

General

Description
Major in Marketing A student majoring in marketing must complete the Core Curriculum plus five additional courses in either of two areas of specialization: integrated marketing management or market research and consumer insight.

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

Business Core

Complete ALL of the following Course Sets:
- Business Core

Area of Specialization

Complete at least 1 of the following:

Integrated Marketing Management

Fulfill ALL of the following requirements:

Required

Complete ALL of the following Courses:
- BUS439 - Capstone:IntegratedMarketingMgt

AND

One of the following:

Complete at least 1 of the following courses:
- BUS330 - Consumer Behavior
- BUS333 - Marketing Research

AND

3 Credits of Electives

Earn at least 3 credits from the following:

- BUS330 - Consumer Behavior
  OR BUS333 - Marketing Research
- BUS337 - Social Media Strategy
- BUS338 - Digital Inbound Marketing Strategy
- BUS375 - Capstone: Global Business
- BUS431 - Business to Business Professional Sell
- BUS432 - Science Of Retailing & E-Commerce
- BUS434 - Advertisng&integrated Marketing Campaign
- BUS468 - Internship

• A student may also take BUS 470 Seminars in Special Topics or BUS 492 Independent Study as approved by the Dean and Marketing Advisor

(BUS330 and BUS333 cannot count twice)

OR

Marketing Research and Consumer Insights

Fulfill ALL of the following requirements:

Required

Complete ALL of the following Courses:

- BUS333 - Marketing Research
- BUS439 - Capstone:IntegratedMarketingMgt

AND

3 Credits of Electives

Earn at least 3 credits from the following:

- BUS330 - Consumer Behavior
- BUS434 - Advertisng&integrated Marketing Campaign
- BUS468 - Internship
- BUS492 - Independent Study

It is recommended that BUS 330 Consumer Behavior and/or BUS 333 Marketing Research be taken before all other marketing electives.

Bachelor of Science Option
Type
Completion Requirement

Math Requirement

Complete two college-level mathematics courses.

ML.BA - Multi Language BA

General

Description
The multi-language major is designed for students wanting to gain a significant level of proficiency in several languages as they prepare for careers in international development, foreign affairs or service to society, or for graduate school in fields such as linguistics or comparative literature.

Students must complete three courses at the 300/400 level, often beginning with 301, in the primary language; at least three courses in the secondary language through a minimum level of 202; and demonstrate proficiency through the 102 level in the third language. Also required are ICS 270, WL 468 (a half-credit capstone internship), WL 451 Senior Research Capstone and two electives chosen from the provided list of courses in one of four tracks: foreign affairs, international development, pre-graduate study in the humanities or social service.

Students take two electives from one of the tracks listed below. Substitutions may be considered and granted through consultation with the chair of the Department of World Languages, Literatures and Cultures.

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

Multi Language Major

Fulfill ALL of the following requirements:

Primary Language

Three courses at the 300/400 level

AND

Secondary Language

Three courses at a minimum level of 202

AND

Tertiary Lanauge

Demonstrate proficiency

Required

Complete ALL of the following Courses:

- WL468 - Capstone Internship
- WL451 - Senior Research Capstone

Two electives chosen from the provided list of courses in one of four tracks: foreign affairs, international development, pre-graduate study in the humanities or social service.

Tracks

Students take two electives from one of the tracks listed below. Substitutions may be considered and granted through consultation with the chair of the Department of World Languages, Literatures and Cultures.

Fulfill ANY of the following requirements:

Pre-Graduate Study in the Humanities

(linguistics, comparative literature and similar fields)

Complete at least 2 of the following courses:

- ENG220 - Principles of Literary Study
- ENG415 - Literary Theory
- ENG416 - History & Structure of English
- WL320 - Non-West Culture/Lit & Film

OR

International Development

(business, nonprofit organizations, finance, economics, marketing)

Complete at least 2 of the following courses:

- BUS230 - Principles of Marketing
- BUS250 - Management Theory and Practice
- BUS271 - Intro to Global Business
- BUS375 - Capstone: Global Business
- COM315 - Intercultural Communication
- PHL310 - Business Ethics

• BUS 375 Capstone: Global Business (if student has taken BUS 271, 230 or 250 as other course in track)

OR

Foreign Affairs

(foreign service, diplomacy, political science)

Complete at least 2 of the following courses:

- HIS116 - Survey of Non-Western Civilization II
- HIS170 - Latin American History
- POL301 - Politics of the Global North
- POL302 - Politics of the Global South
- POL306 - Politics of International Relations

OR

Social Service

(international or domestic social services, faith or non-faith based)

Classes in Group A generally present issues and concepts of concern in social service. Those in Group B would then help students explore their own professional path. It is therefore recommended that students choose one from each group. (SOC 100 Introductory Sociology is a prerequisite for all sociology classes.)

Fulfill ANY of the following requirements:

Group A

Complete at least 1 of the following courses:

- PHL306 - Ethics
- REL230 - Christian Social Ethics
- REL240 - World Religions:Gen Intro
- SOC301 - Social Problems
- SOC310 - Class and Status

OR

Group B

Complete at least 1 of the following courses:

- SW303 - Introduction to Social Work

MP.BM - Music Performance BM

General

Description

The Bachelor of Music with a major in music performance is designed for students who wish to pursue a career and/or graduate-level study in music performance.

Outcome
Develop performing skills needed for a performing career

Outcome
Demonstrate an advanced level of listening skills

Outcome
Compare and contrast how different musical styles and/or feedback change the performance

Program Information

This program consists of the Integrated Curriculum, the music core curriculum, a rigorous program of applied music study and coursework in further areas necessary for success: performance, literature, pedagogy and music business. Junior and senior recitals are required as capstone projects.

Candidates for this program must pass an audition for admittance into the department as part of the University's application process, and they must pass a continuance jury at the end of the sophomore year (during the first semester of enrollment for transfer students). Students must maintain a 2.50 grade-point average.

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

Music Courses

Complete ALL of the following Courses:

- MUS100 - Concert Attendance
- MUS135 - Theory I
  AND MUS136 - Theory II
  AND MUS235 - Theory III
  AND MUS236 - Theory IV
- MUS343 - History & Literature of Music I
  AND MUS344 - History & Literature of Music II
- MUS369 - Conducting I
- MUS221 - Functional Class Piano I
  AND MUS222 - Functional Class Piano II
- MUS300 - Entrepreneurship for Musicians

• MUS 100 required every term

• MUS 221 and MUS 222 Piano Proficiency can be replaced by piano proficiency

Applied Music

Complete the following:

• Applied Lessons: Eight terms on major instrument or voice. Last four terms must be for full (1.00) credit.

• Band, Choir or Orchestra on major instrument or voice (each term, for credit; Classical Guitar Ensemble for guitar majors)

• Techniques and Pedagogy for Instrument Area (MUS250/255 depending on instrument area)

• Chamber Music (four terms)

• MUS 492 Junior Year Half Recital (1 credit)

• MUS 492 Senior Capstone Recital (full recital 1.0)

Music History Elective

Complete at least 2 of the following courses:

- MUS310 - Varieties of World Music
- MUS314 - History of Musical Theatre
  OR THE314 - History of Musical Theatre
- MUS318 - Jazz: A History & Analysis
- MUS396 - Special Studies in Music History

Electives

Complete at least 2 of the following courses:

- MUS330 - Principles & Procedures in Music Bus
- MUS335 - Orchestration & Arranging
- MUS370 - Conducting II

As available:

• Various Music Business courses

• Various Jazz courses

• Secondary instrument lessons

Continuance Jury

Pass Jury
Students must perform jury for instrument area and be accepted to continue in program by end of Sophomore year.

MPR.BM - Music Production BM

General

Description
Majors in Music Admission to any degree program in the music department is dependent upon successful completion of an audition interview with members of the music department faculty prior to the first term. This audition interview also serves as a screening procedure for music scholarship awards. Audition dates and times should be arranged with the music department office. All majors are required to present MUS 135, 136, 235, 236, 343 and 344 as a part of their graduation requirements.* They must also have at least six terms of applied music lessons taken on the college level on their major instrument or voice with the exception of Music Performance majors, who must take eight terms on their major instrument or voice with the last four terms taken for full (1.0) credit. For students enrolling as first-year students, these six terms must be taken at Elmhurst University. For transfer students, up to three terms of acceptable prior credit may be applied to this requirement. Each student must also attain and maintain membership in a major performing ensemble while a full-time music major at Elmhurst University on their major instrument or voice. Except for music education majors, guitar majors may select Classical Guitar Ensemble to fulfill this requirement. See specific degree programs for ensemble requirements. All music majors are also required to take MUS 100 Concert Attendance each term. Full-time students must attend a minimum of eight performances each term. A minimum cumulative grade-point average of 2.5 overall and 2.75 in music must be achieved by the student to be advanced to the junior level in music. These levels must then be maintained. Students below these standards may direct a request for a review of their status to the department chair. Music majors must pass the Keyboard Musicianship Examination (or MUS 222) as described in the department handbook prior to graduation, with the exception of music education majors, who must pass the keyboard musicianship examination prior to student teaching. Details of the programs, policies and certificates for music majors are found in the department handbook.

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

Music Courses

Complete ALL of the following Courses:

- MUS100 - Concert Attendance
- MUS135 - Theory I
  AND MUS136 - Theory II
  AND MUS235 - Theory III
  AND MUS236 - Theory IV
- MUS344 - History & Literature of Music II
- MUS221 - Functional Class Piano I
  AND MUS222 - Functional Class Piano II
- AMZ202 - New Music Collective
  AND AMZ302 - New Music Collective

• Concert Attendance: MUS 100 each term, credit or non-credit

• Applied music: Six terms for credit on major instrument or voice

• AML, AMC Applied music lessons, 6 semesters in digital music, songwriting, or film scoring

• AMV: One semester voice lessons, plus one additional semester voice or other instrument

Music Production Courses

Complete ALL of the following Courses:

- MUS290 - Digital Music I
- MUS291 - Digital Music II
- MUS332 - Production of Sound Recordings
- MUS333 - Audio Engineering
- MUS335 - Orchestration & Arranging
- MUS355 - Film Scoring
- MUS397 - Electronic Music and Sound Design

Digital Media and Music Industry

Complete ALL of the following Courses:

- DM399 - Introduction to Video Editing
- MUS330 - Principles & Procedures in Music Bus

MPR.MIN - Music Production Minor

General

Description
The music production minor is a sequence of courses designed to prepare students for employment in the area of music production in various capacities, including arranger, media composer, sound recordist and editor, contractor, publisher, and producer. This minor serves as an additive utility for students pursuing a major program in music and as a program of study that is useful to students of other disciplines, such as computer science, media arts, and more.

Requirements

Simple Requisites

Minor Requirements
Type
Completion Requirement

Music Production Courses

Complete ALL of the following Courses:

- MUS290 - Digital Music I
- MUS291 - Digital Music II
- MUS332 - Production of Sound Recordings
- MUS333 - Audio Engineering

MR.CP - Graduate Certificate in Marketing and Consumer Insights

General

Description
The graduate certificate program in marketing and consumer insights is a college-credit, nondegree program. However, these four eight-week courses can be applied toward the master of business administration (MBA) if the student desires, upon completion of the certificate program. (Application and acceptance for the MBA program is required for this course of action.) The program is designed to be completed in two terms. It can be completed entirely online or through evening courses on campus. Successful completion of the program results in a marketing and consumer insights certificate or specialization in the MBA program.

Outcome
Learn a solutions-oriented approach to problem solving in marketing

Outcome
Gain an understanding of the relevance of ethics in decision making specifically focused on market research

Outcome
Learn how to use current business and analytical tools for decision making in the business world from a research context

Outcome
Develop and implement innovative research solutions for real-world problems with actual clients

Program Information
Students will learn innovative strategies and skills necessary to effectively address marketing challenges faced by businesses today. Qualitative and quantitative research approaches will be studied along with their application and analysis; students will also learn how this information can be applied from a strategic perspective. Students apply their knowledge by developing solutions for real-world client marketing challenges through the Hardin Institute for Market Research, in order to advance their skills to become sought-after marketing professionals.

The program is available to students who hold an undergraduate degree in marketing or a related field from a regionally accredited institution. Although students don't need a major in marketing, they will need to complete some undergraduate courses before beginning the program: a basic marketing and statistics course. Prerequisites can be met as part of the student's undergraduate coursework or transferred from another college or university.

This program is accredited by the Commission on Institutions of Higher Education of the North Central Association, which accredits all graduate programs at Elmhurst University.

FACULTY

Lawrence Brown - Program Director

Requirements

Simple Requisites

Certificate Requirements
Type
Completion Requirement

Marketing and Consumer Insights Courses

Fulfill ALL of the following requirements:

Fall Term

Complete ALL of the following Courses:

- MBA583 - PrincipleMarketingInsight&Analysis
- MBA584 - Social/Digital Media

AND

Spring Term

Complete ALL of the following Courses:

- MBA585 - Mkt Strategy&Rsrch Practcm I
- MBA586 - Mkt Strategy&Rsrch Practcm 2

MTC.BM - Music/Theory and Composition BM

General

Description
This program is designed for students who wish to pursue studies in the creation of music in various forms, and the practical application of various principles of music theory. It includes the Integrated Curriculum requirements, the music core, and additional courses in music composition, technology, and related fields. This degree includes a senior project as a capstone experience: a recital of new works or the presentation of a single large-scale work.

Outcome
Demonstrated the ability to prepare, compose, and present/perform a full and juried recital of new works, or demonstrated an ability to analyze and/or compare music scores.

Outcome
Demonstrated the ability to analyze and/or apply traditional, contemporary, and experimental practices in compositions.

Requirements

Simple Requisites

The Integrated Curriculum
Type
Completion Requirement

Additional Comments:
The Integrated Curriculum

Major Requirements
Type
Completion Requirement

Music Core Courses

Complete ALL of the following Courses:

- MUS100 - Concert Attendance
- MUS135 - Theory I
  AND MUS136 - Theory II
  AND MUS235 - Theory III
  AND MUS236 - Theory IV
- MUS343 - History & Literature of Music I
  AND MUS344 - History & Literature of Music II
- MUS492 - Independent Study
- MUS369 - Conducting I
- MUS221 - Functional Class Piano I
  AND MUS222 - Functional Class Piano II

• Concert Attendance: MUS 100 each term, with or without credit

• Applied music: six terms for credit on major instrument or voice

• Band, Orchestra or Choir: one each term, with or without credit on major instrument or voice

Jazz Band I may count as one of the major performing ensembles after four terms of Choir, Concert Band or Orchestra have been fulfilled. Guitar majors may select classical guitar ensemble to fulfill this requirement.

Cognate Courses

Complete at least 2 of the following courses:

- MUS120 - Jazz Fundamentals I
- MUS215 - Music in the Christian Church
- MUS224 - Songwriting
- MUS310 - Varieties of World Music
- MUS330 - Principles & Procedures in Music Bus
- MUS350 - Jazz Arranging I
- MUS396 - Special Studies in Music History
- PHL309 - Philosophy of Art

Composition Courses

Complete ALL of the following Courses:

- MUS290 - Digital Music I
- MUS291 - Digital Music II
- MUS335 - Orchestration & Arranging
- MUS355 - Film Scoring
- MUS369 - Conducting I
- MUS397 - Electronic Music and Sound Design

Composition Lessons

Complete at least 6 of the following courses:

- AMC202 - Composition
  AND AMC302 - Composition
- AMC222 - Film Scoring
  AND AMC322 - Film Scoring
- AMC242 - Songwriting
  AND AMC342 - Songwriting
- AML202 - MIDI/Electronic Composition
  AND AML302 - MIDI/Electronic Composition
- AMA202 - Arranging & Scoring
  AND AMA302 - Arranging & Scoring

• Six lessons in any combination may be taken and repeated as needed

• AMC 100/300 must be taken concurrently with AMC and AML lessons

Electives
Type
Completion Requirement

MTH.BS - Mathematics BS

General

Description
The major consists of nine to nine-and-one-half mathematics credits at the 200 level or beyond, excluding MTH 325, MTH 326 (offered only for teaching concentration), MTH 327 and MTH 345.
Program Information
All mathematics majors are required to complete MTH 251, MTH 301, MTH 362, MTH 400 and MTH 451. The remaining major courses are mathematics electives, but should be chosen according to the suggested curricula for various concentrations listed under Requirements. For students seeking teacher licensure in (5-12) mathematics, the specific remaining courses are MTH 326, MTH 331, MTH 346, MTH 361, MTH 381, and MTH 440. The final program of courses for all mathematics majors must be approved by the department chair.

In addition to the coursework, a senior paper written with the guidance of a faculty member is required. The half-course MTH 400 should be taken during the junior or senior year as preparation for writing the senior paper. Upon completion of MTH 400, students should enroll in MTH 451 as a half-course independent study where the senior paper is written with the guidance of a member of the mathematics faculty.

Supervised internship opportunities are available for mathematics majors seeking to apply their training in a business or industrial setting. Such students may apply up to one credit in MTH 468 Internship toward major requirements with approval of the department chair.

Mathematics majors are encouraged to take CS 220 Computer Science I and PHY 121, PHY 122 General Physics I, II as electives (or as part of the Integrated Curriculum requirements, if appropriate).

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

Mathematics Core

Complete ALL of the following Courses:

- MTH251 - Calculus III
- MTH301 - Discrete Mathematics
- MTH362 - Linear Algebra
- MTH400 - Research Methods in Mathematics
- MTH451 - Senior Paper

Concentration Requirement

Fulfill ANY of the following requirements:

Applied Mathematics Concentration

Complete ALL of the following Courses:

- MTH311 - Intro to Math & Computer-Based Modeling
- MTH341 - Differential Equations
- MTH342 - Applied Analysis
- MTH434 - Complex Variables

• One elective from the remaining courses in the mathematics curriculum

OR

Graduate School Concentration

Complete ALL of the following Courses:

- MTH361 - Abstract Algebra
- MTH381 - Real Analysis
- MTH434 - Complex Variables
- MTH444 - Topology

• One elective from the remaining courses in the mathematics curriculum

OR

Business/Financial Concentration

The business/financial concentration should be supplemented with appropriate courses in business and economics chosen in consultation with the student's academic advisor. A minor in business is recommended.

Complete ALL of the following Courses:

- MTH311 - Intro to Math & Computer-Based Modeling
- MTH346 - Statistics for Scientists
- MTH348 - Adv Statistics/Econometrics
- MTH421 - Probability Theory

• One elective from the remaining courses in the mathematics curriculum

• MTH 468 Internship is recommended

OR

Data Science Concentration

Complete ALL of the following Courses:

- MTH302 - DiscreteMathII:Struct&Algorit
- MTH346 - Statistics for Scientists
- MTH421 - Probability Theory
- MTH146 - Intro to Visual Analytics
  OR CS146 - Intro to Visual Analytics
- CS220 - Computer Science I
- IS380 - Foundations of Data Science with Python
- IS423 - Data Base Management Systems

Two electives from the remaining courses in the mathematics curriculum

• MTH 311 Introduction to Mathematical and Computer-Based Modeling is recommended

• MTH 341 Differential Equations is recommended

Additional Comments:
Subject to approval by the department chair, the student may complete an alternative concentration consisting of five mathematics credits at the 200 level or beyond, excluding MTH 325, MTH 326, MTH 327 and MTH 345. Students seeking teacher licensure in (5-12) mathematics must take MTH 326, MTH 331, MTH 346, MTH 361, MTH 381, and MTH 440.

MTH.MIN - Mathematics Minor

General

Description
MTH 251 Calculus III and two other major-level mathematics courses are required for a minor in mathematics. MTH 325/326/327 and MTH 345 may not be used as part of the minor. The chair of the mathematics department must approve the selection of courses.

Requirements

Simple Requisites

Minor Requirements
Type
Completion Requirement

Mathematics Courses

Complete ALL of the following Courses:

- MTH251 - Calculus III

Also required: Two other major-level mathematics courses, excluding MTH 325, MTH 326, MTH 327, and MTH 345. The chair of the mathematics department must approve the selection of courses.

MUB.BM - Music Business BM

General

Description
Two degree programs assist the student interested in preparing for a career in some phase of the music industry. The Bachelor of Music offers a heavier concentration in music, while the Bachelor of Science is weighted more heavily with business courses. Both degrees are conceived within the context of the liberal arts so that graduates have both breadth and professional qualifications. Procedures and requirements for admission to the music business program and music business internship are available from the director of music business.

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

Music Courses

Complete ALL of the following Courses:

- MUS100 - Concert Attendance
- MUS135 - Theory I
  AND MUS136 - Theory II
  AND MUS235 - Theory III
  AND MUS236 - Theory IV
- MUS343 - History & Literature of Music I
  AND MUS344 - History & Literature of Music II
- MUS335 - Orchestration & Arranging
  OR MUS395 - Special Studies in Music Theory
  OR MUS396 - Special Studies in Music History

• Concert Attendance: MUS 100 each term, with or without credit

• Applied music: Six terms for credit on major instrument or voice

• Band, Orchestra or Choir: One each term, with or without credit on major instrument or voice

Jazz Band I may count as one of the major performing ensembles after four terms of Choir, Concert Band or Orchestra have been fulfilled, except for music education majors. Guitar majors may select classical guitar ensemble to fulfill this requirement.

Business Courses

Complete ALL of the following Courses:

- BUS230 - Principles of Marketing
- BUS250 - Management Theory and Practice
- BUS434 - Advertisng&integrated Marketing Campaign

Music Business Courses

Complete ALL of the following Courses:

- MUS140 - Music Industry Survey
- MUS330 - Principles & Procedures in Music Bus
- MUS331 - Advanced Studies in Music Business
- MUS332 - Production of Sound Recordings
- MUS340 - Music and Entertainment Law
- MUS341 - ConcertPromo&VenueManagement
- MUS468 - Internship:Capstone

MUB.BS - Music Business BS

General

Description

Two degree programs assist the student interested in preparing for a career in some phase of the music industry. The Bachelor of Music offers a heavier concentration in music, while the Bachelor of Science is weighted more heavily with business courses. Both degrees are conceived within the context of the liberal arts so that graduates have both breadth and professional qualifications. Procedures and requirements for admission to the music business program and music business internship are available from the director of music business.

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

Music Courses

Complete ALL of the following Courses:

- MUS100 - Concert Attendance
- MUS135 - Theory I
- MUS136 - Theory II
- MUS344 - History & Literature of Music II

• Concert Attendance: MUS 100 each term, with or without credit

• Applied music: Six terms for credit on major instrument or voice

• Band, Orchestra or Choir: One each term, with or without credit on major instrument or voice

Jazz Band I may count as one of the major performing ensembles after four terms of Choir, Concert Band or Orchestra have been fulfilled. Guitar majors may select classical guitar ensemble to fulfill this requirement.

Business Courses

Complete ALL of the following Courses:

- BUS230 - Principles of Marketing
- BUS250 - Management Theory and Practice
- BUS263 - Acc & Financial Mgt for Non-Bus Majors
- BUS352 - Entrepreneurship
- BUS434 - Advertisng&integrated Marketing Campaign

Music Elective

Complete at least 1 of the following courses:

- MUS333 - Audio Engineering
- DM399 - Introduction to Video Editing
- COM219 - Intro to Public Relations

Music Business Courses

Complete ALL of the following Courses:

- MUS140 - Music Industry Survey
- MUS330 - Principles & Procedures in Music Bus
- MUS331 - Advanced Studies in Music Business
- MUS332 - Production of Sound Recordings
- MUS340 - Music and Entertainment Law
- MUS341 - ConcertPromo&VenueManagement
- MUS468 - Internship:Capstone

Bachelor of Science Option
Type
Completion Requirement

Math Requirement

Complete two college-level mathematics courses.

MUPOP.MIN - Popular Music Studies Minor

General

Description

Popular Music Studies is designed for students pursuing music or non-music degrees who are interested in understanding modern popular music and how it connects with the broader music community and society as a whole. Students in this program will supplement their major degree with the ability to analyze popular music, discuss and write on it, and perform and create it.

Outcome
-to understand the history and scope of popular music, including significant artists, genres, and trends

Requirements

Simple Requisites

Minor Requirements
Type
Completion Requirement

Popular Music Studies

Complete ALL of the following Courses:
- MUS219 - The History of Rock & Roll
- MUS290 - Digital Music I
- MUS394 - American Popular Music

Two semesters of any combination of the following:

Earn at least 7 credits from the following:
- MUS286 - Jazz Lab Band
- MUS288 - Vocal Jazz Ensemble Blue
- MUS328 - Popular Music Ensemble
- MUS364 - GretschElctrcGuitar Ens
- MUS386 - Jazz Band
- MUS388 - Vocal Jazz Ensemble LN Blue
- AMQ011 - Non-Credit Jazz Combo
  OR AMQ202 - Jazz Combo
  OR AMQ302 - Jazz Combo

One of the following:

Complete at least 1 of the following courses:
- AMC222 - Film Scoring
  OR AMC322 - Film Scoring
- AMC242 - Songwriting
  OR AMC342 - Songwriting
- AML202 - MIDI/Electronic Composition
  OR AML302 - MIDI/Electronic Composition
- MUS263 - The Beatles

MUR.BA - Musical Theatre BA

General

Description
The Musical Theatre program provides a major which is comprised of solid foundations in theatre and in music, complemented with essential preparation in dance. Housed in the Department of Theatre and Dance, the major partners effectively with the Department of Music in providing academic content, skill development, and applied learning within our neighboring disciplines.

Outcome
Demonstrate a fundamental knowledge of the theatre and/or dance and their terminologies.

Outcome
Demonstrate fundamental competency in the application of skills essential for entering the work force.

Outcome
Apply the process of research and analysis necessary to the creation of theatre or dance productions.

Outcome
Demonstrate accumulated knowledge and competencies through collaborative projects in theatre and/or dance.

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

Musical Theatre Major

Fulfill ALL of the following requirements:

Theatre Core Requirements

Complete ALL of the following Courses:
- THE226 - Acting Technique I
- THE227 - Development of the Theatre
- THE228 - Stagecraft
- THE314 - History of Musical Theatre
- THE350 - Play Analysis
- THE498 - Theatre Capstone

AND

Advanced Performance Electives

Complete at least 1 of the following courses:
- THE326 - Acting Technique II
- THE424 - Directing
- THE426 - Acting Technique III

AND

Theatre History & Literature Elective

Complete at least 1 of the following courses:
- ENG336 - Contemporary Literature
- ENG345 - Shakespeare
- THE329 - World Theatre & Drama in Cultural Contxt
- THE331 - History of Westrn Theatre I
- THE332 - History of Westrn Theatre II

AND

Theatre Practicum

Complete a minimum of six terms total of THE 175/275/375/475 Theatre Practicum for credit or noncredit.

Dance and Movement

Fulfill ALL of the following requirements:

Voice and Movement Course Requirement

Complete ALL of the following Courses:

- THE301 - Voice & Movement for the Stage

AND

Dance Technique

Complete at least 4 of the following courses:

- THE302 - Ballet
- THE303 - Jazz Dance
- THE304 - Tap Dance
- THE305 - Social Dance and Period Styles
- THE306 - Modern Dance Technique
- THE402 - Advanced Ballet
- THE403 - Advanced Jazz
- THE404 - Advanced Tap
- THE405 - Adv Social Dance & Period Styl
- THE406 - Adv Modern Dance Technique

Music Requirements

Fulfill ALL of the following requirements:

Music Core Requirements

Complete ALL of the following Courses:

- MUS135 - Theory I
- MUS136 - Theory II

AND

Music History Elective

Complete at least 1 of the following courses:

- MUS212 - Music in Western Culture
- MUS343 - History & Literature of Music I
- MUS344 - History & Literature of Music II

AND

Music Keyboard Requirements

Complete ALL of the following Courses:

- MUS221 - Functional Class Piano I
- MUS222 - Functional Class Piano II

Or pass piano proficiency (see the Department of Music for procedures)

AND

Music Voice and Performance Requirements

Complete all of the following:

- AMK Sight Singing/Aural Skills (.25 credit)
- AMV Three terms for credit of applied voice (.25 credit each)
- AMT Three terms for credit, musical theatre repertoire (.25 credit each)
- Major Choral Ensemble: Four terms with or without credit (.25 credit)
- MUS 226/326 Light Opera Workshop (January Term) (1.0 credit)
- MUS 267/367/467 Opera Workshop (.50 credit)

**Students must take AMU each term they take AMV or AMT.*

Additional Comments:
Students should plan to audition for vocal ensembles in the fall, to audition for theatre productions each term on campus, and to participate in end-of-term program assessment showcases when enrolled in performance courses and ATA/ATM. Students taking AMT and AMV for credit participate in music juries at the end of those terms. A final recital or joint recital is not a requirement, but may be considered in consultation with your vocal instructor.

Students are highly encouraged to pursue summer internships, auditions and tech opportunities.

Students are encouraged to consider a complementary minor or major, such as a minor in dance.

An additional minor in theatre may be completed only if four credits toward the minor are a discrete list separate from the courses used to complete the major in musical theatre.

MUS.BA - Music BA

General

Description
Majors in Music Admission to any degree program in the music department is dependent upon successful completion of an audition interview with members of the music department faculty prior to the first term. This audition interview also serves as a screening procedure for music scholarship awards. Audition dates and times should be arranged with the music department office. All majors are required to present MUS 135, 136, 235, 236, 343 and 344 as a part of their graduation requirements.* They must also have at least six terms of applied music lessons taken on the college level on their major instrument or voice with the exception of Music Performance majors, who must take eight terms on their major instrument or voice with the last four terms taken for full (1.0) credit. For students enrolling as first-year students, these six terms must be taken at Elmhurst University. For transfer students, up to three terms of acceptable prior credit may be applied to this requirement. Each student must also attain and maintain membership in a major performing ensemble while a full-time music major at Elmhurst University on their major instrument or voice. Except for music education majors, guitar majors may select Classical Guitar Ensemble to fulfill this requirement. See specific degree programs for ensemble requirements. All music majors are also required to take MUS 100 Concert Attendance each term. Full-time students must attend a minimum of eight performances each term. A minimum cumulative grade-point average of 2.5 overall and 2.75 in music must be achieved by the student to be advanced to the junior level in music. These levels must then be maintained. Students below these standards may direct a request for a review of their status to the department chair. Music majors must pass the Keyboard Musicianship Examination (or MUS 222) as described in the department handbook prior to graduation, with the exception of music education majors, who must pass the keyboard musicianship examination prior to student teaching. Details of the programs, policies and certificates for music majors are found in the department handbook.

Requirements

Simple Requisites

Major Requirements

Type
Completion Requirement

Music Core

Complete ALL of the following Courses:

- MUS100 - Concert Attendance
- MUS135 - Theory I
- MUS136 - Theory II
- MUS235 - Theory III
- MUS236 - Theory IV
- MUS343 - History & Literature of Music I
- MUS344 - History & Literature of Music II

• Concert Attendance: MUS 100 each term, with or without credit

• Applied music: Six terms for credit on major instrument or voice

• Band, Orchestra or Choir: One each term, with or without credit on major instrument or voice

Jazz Band I may count as one of the major performing ensembles after four terms of Choir, Concert Band or Orchestra have been fulfilled. Guitar majors may select classical guitar ensemble to fulfill this requirement.

Music Major

Fulfill ALL of the following requirements:

Music History

Complete at least 1 of the following courses:

- MUS215 - Music in the Christian Church
- MUS310 - Varieties of World Music
- MUS314 - History of Musical Theatre
- MUS318 - Jazz: A History & Analysis

AND

Special Studies

Complete at least 2 of the following courses:

- MUS335 - Orchestration & Arranging
- MUS395 - Special Studies in Music Theory
- MUS396 - Special Studies in Music History

AND

Complete the following:

Four individual focus courses

AND

Capstone

Complete ALL of the following Courses:

- MUS492 - Independent Study

Individual Focus Courses

Complete four courses
Four courses in an area of specialization chosen in consultation with the faculty advisor. Students may choose to specialize in music technology, music history/literature, foreign language or some other area of particular interest to the student. These four courses must relate directly to the student's area of specialization. They may include music and/or non-music courses, but not applied lessons, ensembles or other music core courses.

Individual focus courses should be approved by the department before the end of the sophomore year.

MUS.MIN - Music Minor

General

Description
The minor in music is intended for students who wish to gain experience studying and performing music but are majoring in another area of study.

Requirements

Simple Requisites

Minor Requirements
Type
Completion Requirement

Music Courses

Complete at least 2 of the following courses:

- MUS134 - Music Fundamentals
- MUS212 - Music in Western Culture
- MUS215 - Music in the Christian Church
- MUS218 - The Making of Jazz
- MUS310 - Varieties of World Music

• Four terms for credit in a performing ensemble (1 credit total).

• Two terms of applied lessons for credit (1 credit total).

Two of the four credits required for the Minor in Music must be earned at Elmhurst University.

NET.CP - Graduate Certificate in Network Administration

General

Description
The graduate certificate in network administration encompasses five courses from the Master of Science in Computer Information Technology degree. Students who complete the five courses for credit will receive the Network Administration Graduate Certificate or may complete the additional five courses required to complete the master's degree in computer information technology.
Program Information
To complete the master's degree, students must also complete MBA 509, MIT 510, MIT 572 and two other electives.

FACULTY
Ali Ghane - Program Director

Requirements

Simple Requisites

Certificate Requirements
Type
Completion Requirement

Network Administration Courses

Complete ALL of the following Courses:

- MIT550 - Computer Security and Risk Management
- MIT561 - Computer Network I
- MIT562 - Computer Network II
- MIT565 - Internetworking
- MIT567 - Cloud Computing

NEU.BS - Neuroscience BS

General

Description

The Major in Neuroscience provides an opportunity for students to focus their studies on the interdisciplinary connections between biology and psychology, preparing them for careers in health care or graduate work. Students will obtain a strong foundation in core life and natural sciences, complemented with courses in behavioral science, to provide broad collaborative training across fields, allowing students to be prepared for future careers and keeping up with the direction of the field.

Outcome
Explain and apply the core concepts of energy and matter, structure and function, information flow, systems, and evolution specific to neuroscience

Outcome
Articulate an understanding of the core competencies including the process of science, quantitative reasoning, and modeling and simulation of neuroscience phenomena

Outcome
Demonstrate neuroscience's interdisciplinary nature which requires communication and collaboration

Outcome
Recognize the ethical, historical, societal, and legal implications of neuroscience

Outcome
Recognize that diverse perspectives and ideas enhance neuroscience investigation and broaden scientific knowledge

Program Information

All students must earn a minimum grade of C- and maintain a minimum GPA of 2.00 across all courses that are required for the major in order to successfully complete the degree. Neuroscience students are allowed to repeat any major-required course taken at Elmhurst University in which they received a grade of D, F, P, NP, W or Audit no more than one time for each course.

Requirements

Simple Requisites

The Integrated Curriculum
Type
Completion Requirement

Additional Comments:
The Integrated Curriculum

Major Requirements
Type
Completion Requirement

Core Biology Courses

All students must earn a minimum grade of C- and maintain a minimum GPA of 2.00 across all courses that are required for the major in order to successfully complete the degree.

Complete ALL of the following Courses:

- BIO200 - General Biology I
- BIO201 - General Biology II
- BIO315 - Genetics
- BIO498 - Capstone Seminar
- CHM211 - Chemical Principles I
- CHM212 - Chemical Principles II
- CHM311 - Organic Chemistry I
- CHM312 - Organic Chemistry II
- MTH132 - Precalculus
  OR MTH151 - Calculus I
- PSY355 - Statistics for Scientific Research
  OR MTH345 - Elementary Statistics
  OR MTH346 - Statistics for Scientists

Neuroscience Core

Complete ALL of the following Courses:

- PSY210 - Intro to Psychological Science
- BIO444 - Neurobiology
- CS220 - Computer Science I

Behavioral Science Electives

Complete at least 2 of the following courses:

- PSY313 - Cognitive Neuroscience
- PSY314 - Psychopharmacology
- PSY424 - Physiological Psychology
- BID300 - PHL/PSY Neuroethics

Biology Electives

Complete at least 2 of the following courses:

- BIO331 - Developmental Biology
- BIO410 - Bioinformatics
- BIO413 - Molecular Genetics
- BIO430 - Principles of Anatomy
- BIO442 - Principles of Physiology

- BIO443 - Advanced Cell Physiology

Additional Comments:
Neuroscience majors must complete courses in the Biology Core, Neuroscience Core, plus four electives - two Behavioral Science elective courses at the 300/400 level and two elective biology courses at the 300/400 level from the list below.

Minor in Neuroscience

The minor in neuroscience consists of six courses with a grade of C- or better in each course:

• BIO 200 General Biology I

• BIO 201 General Biology II

• BIO 315 Genetics

• BIO 444 Neurobiology

• PSY 210 Introduction to Psychological Science

• One course from the Behavioral Science Elective category (PSY 313, 314, 424, or BID 300)

Electives
Type
Completion Requirement

Additional Comments:
Earning an Elmhurst University Degree

NEU.MIN - Neuroscience Minor

General

Description
The minor in Neuroscience consists of six courses with a grade of C- or better in each course.

Requirements

Simple Requisites

Minor Requirements
Type
Completion Requirement

Neuroscience Courses

Fulfill ALL of the following requirements:

Required

Complete ALL of the following Courses:
- BIO200 - General Biology I
- BIO201 - General Biology II
- BIO315 - Genetics
- BIO444 - Neurobiology
- PSY210 - Intro to Psychological Science

AND

Behavioral Science Elective

Complete ANY of the following Courses:
- PSY313 - Cognitive Neuroscience
- PSY314 - Psychopharmacology
- PSY424 - Physiological Psychology
- BID300 - PHL/PSY Neuroethics

NMEP.MS - Nursing Master Entry MSN

General

Description
The Master's Entry in Nursing Practice (MENP) track builds upon previous educational knowledge and experiences to provide an intense, rigorous nursing curriculum that prepare graduates to take the NCLEX examination and to earn their Master of Science in Nursing (MSN) degree within two years.

Coursework focuses on clinical leadership, quality and safety, inter-professional communication and implementation of evidence-based practice to improve clinical outcomes, preparing graduates for the Clinical Nurse Leader certification exam. This program is available in 2 formats: a face-to-face campus format, and a distance, online format, with didactic, simulation laboratory time and clinical coursework throughout the program, to prepare graduates for today's complex health care system.

Outcome
Synthesize liberal education and nursing knowledge to provide person-centered care

Outcome
Analyze the collaboration of healthcare delivery from public health prevention and disease management across populations

Outcome
Develop sustainable personal and professional identity and values in nursing

Outcome
Implement information and technology strategies to provide care within complex systems

Outcome
Engage in the scholarship of nursing to advance quality and safety outcomes

Program Information
Designed for individuals with a baccalaureate degree in fields other than nursing.

Note: It is expected that students in the program are not currently employed during their time of study.

Campus Format Prerequisites

Students who wish to complete the master's entry in nursing practice program should hold a baccalaureate degree in any field with a minimum GPA of 3.20 out of 4.00.

Candidates for the program must have completed the following prerequisites within the past five years with a grade of C or better:

• Anatomy and Physiology (2 semesters with lab)

• General Chemistry (laboratory course)

• Microbiology (laboratory course)

Applicants must also have at least one course in psychology or sociology as well as entry-level statistics. College-level oral and written communication skills and computer literacy are also required.

Academic Standing and Progression Policies

Students in this program are accountable for all standards and policies stated in the Masters Entry in Nursing Program Handbook. Other academic policies are the same as the MSN program.

FACULTY
Laura Minarich - Program Director

Requirements

Simple Requisites

Program Requirements
Type
Completion Requirement

Year One

Fulfill ALL of the following requirements:

Fall Term

Complete ALL of the following Courses:
- NRS508 - Foundatns Profess Nrs Pract
- NRS520 - Advanced Health Assessment
- NRS525 - Adv Pathophysiology
- NRS526 - Advanced Pharmacology

AND

January Term

Complete ALL of the following Courses:
- NRS501 - Theories Nrs&Clinicl Ldrshp

AND

Spring Term

Complete ALL of the following Courses:
- NRS507 - ProfessPerspectivesNursing I
- NRS509 - Adult Health I
- NRS510 - Adult Health II
- NRS527 - Epidemiology/Biostatistics
- NRS528 - Rsrch&Evidence Base Practice

AND

Summer Term

Complete ALL of the following Courses:
- NRS513 - Family Health Nursing
- NRS514 - Mental Health Nursing
- NRS538 - Management of Clinical Outcomes

Year Two

Fulfill ALL of the following requirements:

Fall Term

Complete ALL of the following Courses:
- NRS502 - HlthCareSys:Organizatn,Policy,Finance
- NRS511 - Adult Health III: Complex Hlth Altrtns
- NRS512 - ClinicalPrevent&Populatn Hlth
- NRS515 - ProfessPerspectivesNursing II

AND

January Term

Complete ALL of the following Courses:
- NRS532 - Healthcare Tech and Infor Management

AND

Spring Term

Complete ALL of the following Courses:
- NRS530 - Prof Perspectives Nursing III
- NRS531 - Leadership in Systems/Org
- NRS540 - Residency:ClnclLeadership Care Environ

NMEPD.MS - Nursing Master Entry MSN Distance

General

Description
The Master's Entry in Nursing Practice (MENP) track builds upon previous educational knowledge and experiences to provide an intense, rigorous nursing curriculum that prepare graduates to take the NCLEX examination and to earn their Master of Science in Nursing (MSN) degree within two years. Coursework focuses on clinical leadership, quality and safety, inter-professional communication and implementation of evidence-based practice to improve clinical outcomes, preparing graduates for the Clinical Nurse Leader certification exam. This program is available in 2 formats: a face-to-face campus format, and a distance, online format, with didactic, simulation laboratory time and clinical coursework throughout the program, to prepare graduates for today's complex health care system.

Outcome
Synthesize liberal education and nursing knowledge to provide person-centered care

Outcome
Analyze the collaboration of healthcare delivery from public health prevention and disease management across populations

Outcome
Develop sustainable personal and professional identity and values in nursing

Outcome
Implement information and technology strategies to provide care within complex systems

Outcome
Engage in the scholarship of nursing to advance quality and safety outcomes

Program Information
Designed for individuals with a baccalaureate degree in fields other than nursing.

Note: It is expected that students in the program are not currently employed during their time of study.

Distance (online) Format Prerequisites

Students who wish to complete the master's entry in nursing practice program online should hold a baccalaureate degree in any field with a minimum GPA of 3.20 out of 4.00.

Candidates for the program must have completed the following prerequisites within the past five years with a grade of C or better:

• Anatomy and Physiology (2 semesters with lab)

• General Chemistry (laboratory course)

• Microbiology (laboratory course)

Applicants must also have at least one course in psychology or sociology as well as entry-level statistics. College-level oral and written communication skills and computer literacy are also required.

Applicants are accepted from Illinois and a limited number of Midwest states – see State Authorization page.

Academic Standing and Progression Policies

Students in this program are accountable for all standards and policies stated in the Masters Entry in Nursing Program Handbook. Other academic policies are the same as the MSN program.

Course sequence and course offerings are the same for on campus and distance (online) formats.

FACULTY

Laura Minarich - Program Director

Requirements

Simple Requisites

Program Requirements
Type
Completion Requirement

Graduate Nursing Courses

Complete ALL of the following Courses:

- NRS501A - Theories in Nrs & Clinical Leadership
- NRS502A - Health Care Systems: Organization, Polic
- NRS507A - Professional Perspectives in Nursing I
- NRS508A - FoundationsforProfessionalNursingPracti
  AND NRS508H - Foundatns for Prof Nrs Prac Clinical
- NRS509A - Adult Health I: Alterations Ac
  AND NRS509H - Adult Health I: Alterations Across the L
- NRS510A - Adult Health Ii: Alterations Across the
  AND NRS510H - Adult Health Ii: Alterations Across the
- NRS511A - AdltHlthIII:ComplHlthAltAcLS
  AND NRS511H - Adult Health Iii: Complex Health Alterat
- NRS512A - Prevention and Population Heal
  AND NRS512H - Clinical Prevention and Population Healt
- NRS513A - Family Health Nursing
  AND NRS513C - NRS 513 Clinical OB
  AND NRS513P - NRS 513 Clinical PEDS
- NRS514A - Mental Health Nursing
  AND NRS514H - Mental Health Nursing Clinical
- NRS515A - Professional Perspectives in Nursing II
- NRS520A - Advanced Heatlh Assessment
- NRS525A - Advanced Pathophysiology
- NRS526A - Advanced Pharmacology
- NRS527A - Epidemiology and Biostatistics
- NRS528A - Research and Evidence-Based Practice
- NRS530A - Professional Perspectives in Nursing III
- NRS531A - Leadership in Systems and Organizations
- NRS532A - Healthcare Tech and Info Management
- NRS538A - Management of Clinical Outcomes
- NRS540A - Nurse Leader Residency

NRS.BS - Nursing BSNRS

General

Description
The BSN is a professional program that prepares students for practice as a generalist registered professional nurse (RN). The BSN is the foundation upon which advanced education and practice are based. The baccalaureate nursing program is approved by the Illinois Department of Financial and Professional Regulation.

Outcome
Apply liberal education and nursing knowledge to provide person-centered care

Outcome
Demonstrate collaboration of healthcare delivery form public health prevention and disease management across populations

Outcome
Identify sustainable personal and professional identity and values in nursing

Outcome
Utilize information and technology strategies to provide care within complex systems

Outcome
Apply the scholarship of nursing to advance quality and safety outcomes

Program Information

Pre-Licensure Program Admission Requirements

Students interested in nursing will be admitted to Elmhurst University as pre-nursing majors while they complete prerequisite coursework. When a majority of prerequisite coursework is successfully completed, students must apply to the Nursing Program. Students admitted as freshmen are automatically admitted to the upper-division program if they meet all admission requirements. Students beginning after freshman year, or transferring with prerequisite courses completed, apply separately to the upper-division nursing program. All prerequisite courses must be completed the spring semester before beginning the upper division nursing courses. Admission to the nursing major is competitive, and meeting the minimum academic qualifications does not guarantee admission to the nursing program.

To be admitted to the nursing program, students must: (1) meet certain health requirements and functional abilities; (2) have the demonstrated ability to engage in diverse, complex and specific experiences essential to the acquisition and practice of essential nursing skills and functions; and (3) have the unique combinations of cognitive, affective, psychomotor, physical and social abilities required to satisfactorily perform these skills and functions. *See the Elmhurst University Pre-Licensure Baccalaureate Nursing Program Student Handbook for further information on these requirements for admission. This handbook is available on the University's website.*

The following requirements are necessary to be admitted to the upper-division nursing program:

- 12 courses completed
- A minimum 2.8 overall cumulative grade-point average
- Guaranteed admission students must have a minimum GPA of 2.8 after the first 2 semesters and maintain an overall GPA of 2.8.
- Transfer students applying to the program must have a minimum overall GPA of 3.2 and maintain at least an overall GPA of 2.8.
- A grade of C or better in every natural science and nonscience prerequisite course completed
- A 2.8 or greater science combined grade-point average in the first four prerequisite science courses to be eligible for admission and maintain at least a 2.8 science combined grade-point average with the fifth required science course to continue in the nursing major. Students may repeat one of these courses to remove a W or improve a grade of C or lower.
- Completion of (or enrollment in) nonscience prerequisite courses. These courses are: ENG 105 (Composition I), ENG 106 (Composition II); PSY 210 (Intro to Psych), PSY 315 (Lifespan Development), PSY 327 (Psychopathology); one college-level mathematics course; and one statistics course. Students may repeat only one of these courses to remove a W or improve a grade less than C.
- A completed Elmhurst University Pre-Licensure Baccalaureate Nursing Program Application, which includes verification of:
- Review of the Elmhurst University Pre-Licensure and Baccalaureate Nursing Program Student Handbook
- Health requirements
- Comprehensive health insurance
- Functional abilities to meet program requirements
- Essential qualifications to meet program requirements
- Truthfulness in application to the nursing program
- A personal statement (not required for Elmhurst students admitted as freshmen)
- Two letters of recommendation from professors (not required for freshman-admitted Elmhurst students)
- A passing score on the nursing admission exam(s)
- A letter of recommendation(s) from the director(s)/ dean(s) of all nursing programs previously attended (this applies to those who have completed courses or are currently enrolled in nursing courses)

The deadline for submission of all materials for admission is the third Friday of the January Term of the year that the student wishes to enroll in nursing courses. The application is online.

Policies for Nursing Students

The Department of Nursing and Health Sciences baccalaureate nursing program subscribes to the standards set by the Illinois Nurse Practice Act and other published professional nursing standards. Students in the pre-licensure baccalaureate nursing program are accountable for all standards and policies outlined in the Elmhurst University Pre-Licensure Baccalaureate Nursing Program Student Handbook. Students in the baccalaureate degree-completion program for registered nurses are accountable for all standards and policies outlined in the *Baccalaureate Program Student Handbook for Registered Nurses.* Nursing majors who fail to comply with these academic standards and policies are subject to the progressive discipline process outlined in the Handbook, up to and including dismissal from the nursing program.

To graduate with a major in nursing, students must obtain a grade of C or better in all prerequisite, support and nursing courses; maintain an overall grade-point average of at least 2.8 (Pre-licensure program) or 2.75 (RN-BSN program); adhere to published professional nursing standards; and maintain the health requirements, functional abilities and unique combinations of cognitive, affective, psychomotor, physical and social abilities required to satisfactorily perform essential nursing functions.

During the clinical nursing sequence, the student must assume financial responsibility for health requirements, immunization, health insurance, transportation to and from clinical agencies, and expenses related to application for professional licensure.

Pre-licensure students will be assessed course fees in laboratory and clinical courses. Other fees may be charged as necessary. These fees will be billed by the Office of Student Financial Services. Individual access to an insured car for transportation to clinical and other program-related experiences is required.

Requirements

Simple Requisites

Prerequisites
Type
Completion Requirement

Nursing Prerequisites

Complete ALL of the following Courses:

- BIO107 - Human Anatomy&Physiology I
- BIO108 - Human Anatomy & Physiology II
- BIO221 - Microbiology for Health Professionals
- CHM101 - General Chemistry
- CHM103 - Elem Organic & Biochemistry
- PSY210 - Intro to Psychological Science
- PSY315 - Lifespan Development
- PSY327 - Psychopathology
- MTH345 - Elementary Statistics

One additional college level mathematics course is required

Major Requirements
Type
Completion Requirement

Nursing Major

Complete ALL of the following Courses:

- NRS300 - Health Assessment
- NRS303A - Cncptl Basis Prof Nrsg Pract
- NRS308 - Foundatns for Prof Nrsg Prac
- NRS309 - Adult Health Nursing I
- NRS315 - Adult Health Nursing II
- NRS316 - Family Health: Childrearing
- NRS321 - PathophysiologyPharmacology I
- NRS322 - PathophysiologyPharmacologyII
- NRS403 - Leadrshp & Mgt Hlthcare Org
- NRS407 - Policy,Finance & Legislation
- NRS408 - Mental Health Nursing
- NRS409 - Family Health Nursing II
- NRS410 - Rsrch&Evdnce-basedPrac:Prof
- NRS411 - Syn:ProfNrs Pract Complx Sys
- NRS412 - Synthe:Community &Public Health Nursing
- NRS414 - Syn:Ethic&LegalDimnsnProfNrs

NRS.DNP - Doctor of Nursing Practice

General

Description
The Doctor of Nursing Practice (DNP) prepares professional nurses to develop needed competencies to address increasingly complex nursing roles. The program enhances knowledge to improve patient outcomes and nursing practice in addition to leadership skills to strengthen health care delivery. The program concentration is systems leadership and can be completed in just over two years. Graduates of this program are prepared to contribute to nursing and health care at the highest level of practice.

Outcome
Synthesize liberal education and nursing knowledge to provide person-centered care.

Outcome
Evaluate the collaboration of healthcare delivery from public health prevention and disease management across populations.

Outcome
Create sustainable personal and professional identity and values in nursing.

Outcome
Construct information and technology strategies to provide care within complex systems.

Outcome
Model the scholarship of nursing to advance quality and safety outcomes.

Program Information
The Doctor of Nursing Practice Program at Elmhurst University will be accredited by the Commission on Collegiate Nursing Education (http://www.aacn.nche.edu/ccne accreditation). For mission, goals and philosophy of the Department of Nursing and Health Sciences, refer to the Nursing section of this catalog.

The DNP program curriculum focuses on systems leadership and is designed to be consistent with current standards and practice guidelines. Nurses returning for doctoral education are viewed as professionals who take an active, self-directed role in the learning process. Doctoral nursing students are expected to think critically, maintain the highest ethical standards, and value human diversity.

The mission, purposes and curriculum reflect the Essentials of Doctoral Education in Advanced Nursing (American Association of Colleges of Nursing, 2006) and the Illinois Nurse Practice Act (Illinois Department of Financial and Professional Regulation, 2007).

Admission Requirements

• Master's degree in nursing or a Bachelor of Science degree in nursing and a non-nursing master's degree (i.e. Public Health, MBA, MHA, etc.) from an accredited institution with a GPA of 3.0 or higher on a 4.0 scale):

• Official transcripts from all undergraduate and graduate institutions attended.

• Active license and employment as a registered nurse

• Recommendations from three people who can attest to applicant's professional nursing performance in both formal and informal leadership.

• Current resume documenting work history including levels of responsibility, areas of professional growth, and prior professional educational experiences.

• Interview with Graduate Program Director or designee.

• Submission of a written statement including the following:

o Identification of a systems-level problem or issue aligned with the Department of Nursing's mission to address the needs of a diverse society, which the candidate intends to explore for their DNP project.

o Describe your professional goals and how graduate nursing study at Elmhurst University will support achieving these outcomes.

o Identification of potential preceptor/facilitator.

• Official documentation of practice hours completed in MSN/MS courses.

• Other Admission Requirements that may apply:

o English language test requirement

Academic Standing and Progression Policies

Doctor of Nursing Practice students are accountable for all standards and policies stated in the Doctor of Nursing Practice Student Handbook.

Program Length: 9.0 credits (36 semester hours)

FACULTY
Crystal Paunan - Program Director

Requirements

Simple Requisites

Program Requirements
Type
Completion Requirement

DNP Core Courses

Fulfill ALL of the following requirements:

NRS Courses

Complete ALL of the following Courses:

- NRS701 - Introduction to the DNP Role
- NRS703 - Leadership in Organizations and Systems
- NRS704 - Healthcare Information Systems
- NRS708 - HealthPolicyDevelopment&Implementation
- NRS709 - AdvHealthPromotionAcrossDiverseCultures
- NRS710 - TranslatingEvidenceIntoNursingPractice
- NRS711 - Epidemiology
- NRS714 - Scholarly Product Dissemination

AND

NRS713

Earn at least 1.75 credits from the following:

- NRS713 - DNP Project Implementation/Evaluation

NRS.MS - Nursing MSN

General

Description
The Master of Science in Nursing (MSN) prepares professional nurses to address the dynamic and complex health care environment while improving health outcomes. Students select an area of specialization as a Nurse Administrator, Clinical Nurse Leader (CNL) or Nurse Educator. Graduates of this program are prepared to synthesize knowledge and demonstrate behaviors consistent with advanced preparation in nursing.

Outcome
Analyze liberal education and nursing knowledge to provide person-centered care.

Outcome
Analyze the collaboration of healthcare delivery from public health prevention and disease management across populations

Outcome
Develop sustainable personal and professional identity and values in nursing

Outcome
Implement information and technology strategies to provide care within complex systems

Outcome
Engage in the scholarship of nursing to advance quality and safety outcomes

Program Information
The Master of Science in Nursing Program at Elmhurst University is accredited by the Commission on Collegiate Nursing Education (http://www.aacn.nche.edu/ccneaccreditation). For mission, goals and philosophy of the Department of Nursing and Health Sciences, refer to the Nursing section of this catalog.

The master's program curriculum focuses on advanced roles in nursing and is designed to be consistent with current standards and practice guidelines. Nurses returning for graduate education are viewed as professionals who take an active, self-directed role in the learning process. Graduate nursing students are expected to think critically, maintain the highest ethical standards, and value human diversity.

The mission, purposes and curriculum reflect the Essentials of Master's Education in Nursing (American Association of Colleges of Nursing, 2011), AONE Nurse Executive Competencies (American Organization of Nurse Executives, 2015), Competencies and Curricular Expectations for Clinical Nurse Leader Education and Practice (American Association of Colleges of Nursing, 2013), Core Competencies of Nurse Educators (National League for Nursing 2005, 2018), and the Illinois Nurse Practice Act (Illinois Department of Financial and Professional Regulation, 2007).

Admission Requirements

• Official transcripts from all graduate and undergraduate institutions attended; applicants for the MSN program must hold a bachelor's degree in nursing from an accredited institution with a minimum cumulative GPA of 3.00 out of 4.00

• Successful completion of undergraduate/college-level courses in nursing research and statistics

• Current RN licensure in Illinois

• Students in the MSN program are encouraged to be employed as licensed Registered Professional Nurses in the U.S.; international students must be eligible to obtain and maintain valid employment authorization from the United States Citizenship and Immigration Services (USCIS) following admission to the program

• Recommendations from three references who can attest to the applicant's professional and clinical nursing performance

• Goal statement: a one- to two-page essay describing personal and professional goals and how graduate nursing study at Elmhurst University will enable achievement of those outcomes

• A current résumé documenting the applicant's work history, including levels of responsibility, areas of professional growth and prior professional educational experiences

• College level communication skills including oral, written, and computer based skills.

See the Graduate Nursing Student Handbook for details about different types of admission to graduate study in nursing.

Academic Standing and Progression Policies

Graduate nursing students are accountable for all standards and policies stated in the Graduate Nursing Student Handbook.

Program Length: 8.25 credits (33 semester hours)

FACULTY
Crystal Paunan - Program Director

Requirements

Simple Requisites

Program Requirements
Type
Completion Requirement

Graduate Nursing Core Courses

Complete ALL of the following Courses:
- NRS501 - Theories Nrs&Clinicl Ldrshp
- NRS502 - HlthCareSys:Organizatn,Policy,Finance
- NRS503 - AppldRsrchForClniclLdrshp
- NRS504 - Clincl Prevention & Populatn Based Prac
- NRS523 - Clinical Leadership Role Development

Advanced Competence

Complete ALL of the following Courses:
- NRS521 - Foundations for Advanced Clinical Role
- NRS524 - Practicum: Advanced Clinical Role
- NRS532 - Healthcare Tech and Infor Management
- NRS538 - Management of Clinical Outcomes

Areas of Concentration
Type
Completion Requirement

Nurse Administrator

8.25 credits (33 semester hours)

This study option prepares the graduate for a leadership role in nursing administration. Core courses provide the student with a framework for clinical leadership in an advanced role in nursing. Advanced competence courses provide the foundation for the role of leader in clinical care and management of outcomes in administration or management. Concentration courses focus on knowledge and skills in executive leadership roles. Clinical residency develops depth in practice as an administrator. Upon completion of this concentration, students meet the academic requirements to be eligible to sit for a nurse administrator certification examination.

Fulfill ALL of the following requirements:

Concentration Courses

Complete ALL of the following Courses:
- NRS536 - AdvTpc:Administration & Mgt
- NRS537 - Res:CliniclLeadrshpNrsAdmin

Course Sequencing: Students may complete the program in two years. Other sequencing options allow for up to three years for program completion. Most courses are offered in an seven to eight-week format. Courses are supplemented with an online format to promote efficient time management.

Clinical Nurse Leader

8.25 credits (33 semester hours)

This study option prepares the graduate for a leadership role at the point of care to achieve optimal clinical outcomes for individuals and populations. Core courses provide the student with a framework for clinical leadership in an advanced role in nursing. Advanced competence courses provide the foundation for the role of leader in the care environment and in management of outcomes. Role concentration courses focus on knowledge and skills for leadership in clinical practice with inter-professional teams. Clinical residency develops depth in practice as a clinical leader in the care environment. Upon completion of this concentration, students will be eligible to sit for Clinical Nurse Leader certification.

Complete ALL of the following Courses:
- NRS540 - Residency:ClnclLeadership Care Environ

Nurse Educator

8.25 credits (33 semester hours)

This study option prepares the graduate for a clinical leadership role as a nurse educator in a variety of settings. Graduates may assume roles as clinical faculty in schools of nursing as well as nurse educators in staff development and continuing education departments in health care agencies. Core courses provide the student with a framework for clinical leadership in an advanced role in nursing. Advanced competency courses provide the foundation for the role of leader in clinical care and management of outcomes. Concentration courses focus on knowledge and skills in curriculum design, implementation and evaluation. A clinical residency provides depth in teaching experience in academic and/or health care settings.

Complete ALL of the following Courses:
- NRS533 - Curriculum Dev & Eval for Nrs Educators
- NRS534 - Residency:Clinicl Leadershp Nrs Educ

OPEN.NRS - Nursing Wait List

General

Description
This program was designed to facilitate a waitlist for those students qualified for the nursing program, but cannot be accomodated due to seating availability.

Requirements

OT.MOT - Occupational Therapy MOT

General

Description
The Master of Occupational Therapy program was developed to provide students with the knowledge, skills and abilities to apply the therapeutic use of everyday life activities (occupations) to supporting the health and well-being of those who have, or are at risk for developing, an illness, injury, disease, disorder, condition, impairment, disability and/or activity limitation affecting daily activities within the home, community and other settings. The Master of Occupational Therapy Program is a 24-month, entry-level professional education program leading to a Master of Occupational Therapy (MOT) degree. The program prepares graduate students to become intellectually engaged and socially responsible occupational therapy practitioners, leaders and scholars in the field who have an appreciation for the influence human values and advances in science and technology have on the health, well-being and common good of the region and greater society.

Outcome
Apply knowledge of the liberal arts and sciences to the therapeutic use of occupations as a foundation for engagement in everyday life activities that affect health, well-being and quality of life

Outcome
Evaluate research and evidence to support occupational therapy practice decisions

Outcome
Integrate the theoretical base of occupational therapy and occupational science to implement the therapeutic use of occupation with individuals or groups participating in roles and situations in everyday life activities that affect health, well-being and quality of life

Outcome
Select appropriate evidence-based evaluations and occupation-centered interventions that incorporate the therapeutic use of occupation to achieve expected occupation-related outcomes

Outcome
Collaborate with various inter-professional and intraprofessional providers of service involved in planning and implementing intervention plans for individuals and/or populations

Outcome
Uphold the ethical standards, values and attitudes of the occupational therapy profession

Outcome
Contribute, as an effective lifelong consumer of knowledge and information, to the growth and dissemination of practice evidence, linking professional education, practice and research in occupational therapy

Outcome
Defend theoretical perspectives in occupational therapy as a foundation for advocating for occupational therapy services and achieving occupation-related outcomes

Program Information
The program combines rigorous academic preparation with practical experiences designed to support the health, wellbeing and quality of life of persons, groups and populations experiencing restrictions to aspects of performance in a variety of contexts and environments. The program is designed in accordance with the Accreditation Council for Occupational Therapy Education (ACOTE) Accreditation Standards for a Master's-Degree Level Educational Program for the Occupational Therapist and will develop in students the skills critical to success in general practice, team and ethical decision making, and oral and written communication. This program is conducted in a hybrid format consisting of both on-campus and online learning.

Elmhurst University Master of Occupational Therapy is accredited by the Accreditation Council for Occupational Therapy Education (ACOTE) of the American Occupational Therapy Association (AOTA), located at 6116 Executive Boulevard, Suite 200, North Bethesda, MD 20852-4929. ACOTE's telephone number c/o AOTA is (301) 652-AOTA, and its web address is acoteonline.org.

Program Length: 15 credits (60 semester hours)

Requirements

Simple Requisites

Program Requirements
Type
Completion Requirement

Occupational Therapy Courses

Complete ALL of the following Courses:

- MOT500 - FundamentalContempPractice
- MOT504 - Research Methods
- MOT508 - HealthcareSystems&HealthPolicy
- MOT512 - Health and Occupation
- MOT516 - Fieldwork IA:FactInfluHlthILL
- MOT520 - Clinical Neuroscience
- MOT524 - Professional Practice Seminar
- MOT528 - Eval I:MentalHlth&LearnChal
- MOT532 - Plan&Intervent I:MentalHealth

- MOT536 - Plan/Intervent II:LearngChal
- MOT540 - Fldwrk L IB:BuildCommPartnr
- MOT544 - Clinical Neuroscience II
- MOT548 - Functional Anatomy
- MOT552 - Eval II:AcuteChronicPhyHlthCh
- MOT556 - Plan/Intrvnt III:AcutePhyHlth
- MOT560 - Plan/Interv IV:ChronicPhyHlth
- MOT564 - FldwrkLevel IC:ServingPopulat
- MOT568 - Synthesis I:AbilityBaseCompet
- MOT572 - Fieldwork II A
- MOT576 - Fieldwork II B
- MOT580 - Synthesis II: Wrap-Up

PED.BA - Physical Education Ba Non Certified

General

Description
Physical Education without certification

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

Physical Education Major

Complete ALL of the following Courses:

- PE202 - Individual and Dual Sports
- PE203 - Team Sports
- KIN204 - Emergency Procedures
- PE235 - Curriculum Design in Phy Educ & Hlth E
- PE312 - Phy Educ for Special Population
- PE360 - Contemporary Concepts in Health
- PE370 - Instr Tech/Elem Sch Phys Educ
- PE410 - Kinesiology
- PE440 - InstTech Mid/Sec PhyEd Ped
- PE445 - Measurement & Evaluation for Phy Educ

PED.BA.SPC12 - Physical Education SPC12 BA

General

Description
Physical Education Teacher Licensure Students who plan to pursue K-12 teacher licensure should be in contact with the School of Education as well as the Department of Kinesiology. To be admitted to the teacher education program, a student must establish and maintain a 2.75 cumulative grade-point average and a 3.00 grade-point average in the physical education major. Please see the Department of Education for additional criteria. Students are required to pass the physical education content area test prior to the student teaching semester.

Outcome
1A. Implement and evaluate innovative, responsive, and evidence-based practices to advance content knowledge while affirming student identity. (IPTS 1, 2, 5)

Outcome
2A: Apply a multiplicity of literacies required for learning new content knowledge in order to guide students in processes to navigate their communities. (IPTS 2, 3, 5, 6)

Outcome
3A: Ensure equitable student-driven engagement in learning by leveraging student diversity through culturally responsive teaching

Outcome
4A: Uses classroom organizational routines and norms that align with restorative justice practices and are responsive to democratic and cultural values of all students and their families. (IPTS 4)

Outcome
5A: Candidates will collaborate with stakeholders to create learning opportunities that affirm the lived experiences, diverse histories, and languages of the learning community. (IPTS 8)

Outcome
6A: Explains how critical reflection is utilized before, during, and after instruction through collaboration with others, interaction with theory and research, and analysis of student data and feedback. (IPTS 9)

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

Physical Education Major

Complete ALL of the following Courses:

- PE202 - Individual and Dual Sports
- PE203 - Team Sports
- KIN204 - Emergency Procedures
- PE235 - Curriculum Design in Phy Educ & Hlth E
- PE312 - Phy Educ for Special Population
- PE360 - Contemporary Concepts in Health
- PE370 - Instr Tech/Elem Sch Phys Educ
- PE410 - Kinesiology
- PE440 - InstTech Mid/Sec PhyEd Ped

- PE445 - Measurement & Evaluation for Phy Educ

Teacher Licensure Requirements
Type
Completion Requirement

Physical Education Licensure

Complete ALL of the following Courses:

- EDU104 - Cultural Foundatns Educ U.S.
- SEC300 - Teaching in Diverse Schools
- SEC310 - Meth&BestPrac in Mid&SecEdu
- EDU311 - Educational Psychology
- SEC421 - Academic Literacies for K-12
- SEC450 - Sem in Collab & Prof Prac
- SEC457A - StudentTchg Special Fields
- SEC457B - Student Tchg Special Fields
- TEL317 - Mthds&MaterialTchgEngLangLrnr

Two courses in written communication

One course in mathematics or demonstrated proficiency

PED.BS - Physical Education BS Non Certified

General

Description
A major in the field of physical education provides a broad and sound educational foundation for a teaching career in the public schools.

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

Physical Education Major

Complete ALL of the following Courses:

- PE202 - Individual and Dual Sports
- PE203 - Team Sports
- KIN204 - Emergency Procedures
- PE235 - Curriculum Design in Phy Educ & Hlth E
- PE312 - Phy Educ for Special Population
- PE360 - Contemporary Concepts in Health
- PE370 - Instr Tech/Elem Sch Phys Educ
- PE410 - Kinesiology
- PE445 - Measurement & Evaluation for Phy Educ

Bachelor of Science Option
Type
Completion Requirement

Math Requirement

Complete two college-level mathematics courses.

PED.BS.SPC12 - Physical Education SPC12 BS

General

Description
Physical Education Teacher Licensure Students who plan to pursue PK-12 teacher licensure should be in contact with the Department of Education as well as the Department of Kinesiology. To be admitted to the teacher education program, a student must establish and maintain a 2.75 cumulative grade-point average and a 3.00 grade-point average in the physical education major. Please see the Department of Education for additional criteria. Students are required to pass the physical education content area test prior to the student teaching semester.

Outcome
Implement and evaluate innovative, responsive, and evidence-based practices to advance content knowledge while affirming student identity.

Outcome
: Apply a multiplicity of literacies required for learning new content knowledge in order to guide students in processes to navigate their communities.

Outcome
Ensure equitable student-driven engagement in learning by leveraging student diversity through culturally responsive teaching

Outcome
Uses classroom organizational routines and norms that align with restorative justice practices and are responsive to democratic and cultural values of all students and their families

Outcome
Candidates will collaborate with stakeholders to create learning opportunities that affirm the lived experiences, diverse histories, and languages of the learning community

Outcome
Explains how critical reflection is utilized before, during, and after instruction through collaboration with others, interaction with theory and research, and analysis of student data and feedback

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

Physical Education Major

Complete ALL of the following Courses:

- PE202 - Individual and Dual Sports
- PE203 - Team Sports
- KIN204 - Emergency Procedures
- PE235 - Curriculum Design in Phy Educ & Hlth E
- PE312 - Phy Educ for Special Population
- PE360 - Contemporary Concepts in Health
- PE370 - Instr Tech/Elem Sch Phys Educ
- PE410 - Kinesiology
- PE440 - InstTech Mid/Sec PhyEd Ped
- PE445 - Measurement & Evaluation for Phy Educ

Teacher Licensure Requirements
Type
Completion Requirement

Physical Education Licensure

Complete ALL of the following Courses:

- EDU104 - Cultural Foundatns Educ U.S.
- SEC300 - Teaching in Diverse Schools
- SEC310 - Meth&BestPrac in Mid&SecEdu
- EDU311 - Educational Psychology
- SEC421 - Academic Literacies for K-12
- SEC450 - Sem in Collab & Prof Prac
- SEC457A - StudentTchg Special Fields
- SEC457B - Student Tchg Special Fields
- TEL317 - Mthds&MaterialTchgEngLangLrnr

Two courses in written communication

One course in mathematics or demonstrated proficiency

Bachelor of Science Option
Type
Completion Requirement

Math Requirement

Complete two college level mathematics courses.

PH.MPH - Public Health MPH

General

Description
The Master of Public Health (MPH) program at Elmhurst University prepares graduates for dynamic careers in the practice of public health. Drawing on the resources of Elmhurst University's innovation initiatives and its liberal arts setting, the program has a first-of-its-kind concentration in Public Health Leadership and Innovation. The curriculum emphasizes transdisciplinary problem solving and change management to prepare graduates to lead the creation and implementation of new approaches to persistent public health challenges for the 21st Century.

Program Information
In an era of environmental hazards, drug-resistant bacteria and rising rates of obesity, the field of public health is more relevant and critical than ever before. In health care, government and beyond, public health professionals work on the front lines of preventing disease and promoting healthy lifestyles and healthy communities.

The MPH program addresses the core competencies of public health and explores the factors that influence local, national and global health policy. Students learn to use evidence-based strategies and resources to address health disparities on a systems level and promote health and prevent disease in the community and globally.

The MPH program at Elmhurst University welcomes applications from students who hold an undergraduate degree in any major. Please note that a basic course in statistics (with a grade of C or better) is prerequisite to several courses within the program.

Program Format

The MPH is a part-time program designed to be flexible and convenient for working adults. The program is fully online except for the practicum, which students complete in a local setting.

Public Health Program Policies

Students are expected to comply with the policies outlined below. In the event that a student's progression is in jeopardy, the student will receive written notification from the faculty. Notification may be provided by a Student Expectations and Improvement Plan (SEIP) or other written means.

To be in good academic standing, graduate students in the MPH program must:

• Complete all courses with a grade of C or better

• Maintain a GPA of 2.0 or better

The Graduate Program Committee will review all graduate students each term to determine their progression and academic standing. Decisions regarding progression, dismissal and readmission are made by the Graduate Program Committee, and students will be notified in writing by the appropriate Program Director. Unforeseen circumstances will be considered on an individual basis.

Program Length: 10.50 credits (42 semester hours)

FACULTY
Molly Tran - Program Director

Requirements

Simple Requisites

Program Requirements
Type
Completion Requirement

Public Health Courses

Complete ALL of the following Courses:

- MPH500 - Foundations of Public Health
- MPH502 - Biostatistics I
- MPH503 - Biostatistics II
- MIE502 - Innovation Management
- MPH505 - PublicHlthServiceAdmin&Mgt-Online
- MPH506 - RoleDevelopmntPubHlthPract I
- MPH508 - Leadership&Innovation in Public Health
- MPH510 - Environmental Hlth Sci
- MPH520 - PublicHlthPolicy&Poltic
- MPH530 - Epidemiology

- MPH550 - FundSocial&BehaviorSci
- MPH551 - Community Health Programming
- MPH560 - Rsrch&Evid-BasedPractPubHlth
- MPH570 - Public Hlth Practicum
- MPH580 - Public Hlth Capstone

PHL.BA - Philosophy BA

General

Description
Students majoring or minoring in philosophy gain the knowledge and skills necessary to succeed in a wide variety of careers and fields. Six classes form the heart of the major, introducing students to the discipline's core historical content and developing their argumentative and reasoning skills: PHL 220, 303, 304, 306, 405, and 420. Majors will also take two other courses offered by the department on topics such as applied ethics, law, art, and gender. Students must earn at least a 70% in a course for it to count toward the major.

Undergraduate philosophy students outperform all other humanities students on a wide range of post-graduate exams, including the GRE, the LSAT, and the GMAT. This makes philosophy an excellent choice for a second major.

Outcome
Articulate and argue for a philosophical position both in writing and in oral presentation.

Outcome
Understand and explain philosophically important theories and concepts that have historically been used to organize and explain human experience.

Outcome
Apply relevant ethical theories to contemporary and historical ethical problems.

Outcome
Understand and employ the principles of contemporary logic to think clearly and critically.

Program Information
Studying philosophy offers students the opportunity to ask big questions and to pursue their intellectual passions. Whether you choose to major or to minor in philosophy, you will have the chance to work with ideas and thinkers that have shaped the world that we live in, explore challenging questions and problems that matter for today's world, and broaden your own intellectual abilities so that when you graduate, you're ready to succeed at your chosen career.

The core classes of the major (303, 304, and 405) will introduce you to the major ideas and thinkers of the Western philosophical tradition. Logic (220) will hone your reasoning and sharpen your argumentative skills. Ethics (306) will confront you with the challenges of formulating thoughtful responses to problems of suffering and injustice. A capstone seminar (420) allows you to delve deeply into a single topic and develop a well-researched and publishable essay. Electives allow you to further your inquiries into topics such as professional ethics, art, gender, and the environment.

Philosophy majors go on to pursue an extremely wide variety of careers, from professional fields such as biomedicine, law, and finance, to knowledge-based fields such as counseling, public policy, journalism, and politics. Undergraduate philosophy students outperform all other humanities students on a wide range of post-graduate exams, including the GRE, the LSAT, and the GMAT. This makes philosophy an excellent choice for a second major.

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

Philosophy Major

Complete ALL of the following Courses:

- PHL220 - Logic
- PHL303 - Ancient Philosophy
- PHL304 - Modern Philosophy
- PHL405 - Contemporary Philosophy
- PHL306 - Ethics
- PHL420 - Seminar

• 2 additional courses offered by the department

Students must earn at least a 70% in a course for it to count toward the major.

PHL.BS - Philosophy BS

General

Description
Students majoring or minoring in philosophy gain the knowledge and skills necessary to succeed in a wide variety of careers and fields. Six classes form the heart of the major, introducing students to the discipline's core historical content and developing their argumentative and reasoning skills: PHL 220, 303, 304, 306, 405, and 420. Majors will also take two other courses offered by the department on topics such as applied ethics, law, art, and gender. Students must earn at least a 70% in a course for it to count toward the major.

Undergraduate philosophy students outperform all other humanities students on a wide range of post-graduate exams, including the GRE, the LSAT, and the GMAT. This makes philosophy an excellent choice for a second major.

Outcome
Articulate and argue for a philosophical position both in writing and in oral presentation.

Outcome
Understand and explain philosophically important theories and concepts that have historically been used to organize and explain human experience.

Outcome
Apply relevant ethical theories to contemporary and historical ethical problems.

Outcome
Understand and employ the principles of contemporary logic to think clearly and critically.

Outcome
Articulate and argue for a philosophical position both in writing and in oral presentation.

Program Information
Studying philosophy offers students the opportunity to ask big questions and to pursue their intellectual passions. Whether you choose to major or to minor in philosophy, you will have the chance to work with ideas and thinkers that have shaped the world that we live in, explore challenging questions and problems that matter for today's world, and broaden your own intellectual abilities so that when you graduate, you're ready to succeed at your chosen career.

The core classes of the major (303, 304, and 405) will introduce you to the major ideas and thinkers of the Western philosophical tradition. Logic (220) will hone your reasoning and sharpen your argumentative skills. Ethics (306) will confront you with the challenges of formulating thoughtful responses to problems of suffering and injustice. A capstone seminar (420) allows you to delve deeply into a single topic and develop a well-researched and publishable essay. Electives allow you to further your inquiries into topics such as professional ethics, art, gender, and the environment.

Philosophy majors go on to pursue an extremely wide variety of careers, from professional fields such as biomedicine, law, and finance, to knowledge-based fields such as counseling, public policy, journalism, and politics. Undergraduate philosophy students outperform all other humanities students on a wide range of post-graduate exams, including the GRE, the LSAT, and the GMAT. This makes philosophy an excellent choice for a second major.

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

Philosophy Major

Complete ALL of the following Courses:

- PHL220 - Logic
- PHL303 - Ancient Philosophy
- PHL304 - Modern Philosophy
- PHL405 - Contemporary Philosophy
- PHL306 - Ethics
- PHL420 - Seminar

• 2 additional courses offered by the department

Students must earn at least a 70% in a course for it to count toward the major.

Bachelor of Science Option

Type
Completion Requirement

Math Requirement

Complete two college-level mathematics courses.

PHL.MIN - Philosophy Minor

General

Description
Students majoring or minoring in philosophy gain the knowledge and skills necessary to succeed in a wide variety of careers and fields. Four classes form the heart of the minor, introducing students to the discipline's core historical content and developing their argumentative and reasoning skills: PHL 220, 303, 304, and 306. Minors will also take one additional course offered by the department on a topic such as applied ethics, law, art, or gender. Students must earn at least a 70% in a course for it to count toward the minor.

Undergraduate philosophy students outperform all other humanities students on a wide range of post-graduate exams, including the GRE, the LSAT, and the GMAT. This makes philosophy an excellent choice for a minor.

Outcome
Understand and explain philosophically important theories and concepts that have historically been used to organize and explain human experience.

Outcome
Understand and employ the principles of contemporary logic to think clearly and critically.

Outcome
Apply relevant ethical theories to contemporary and historical ethical problems.

Program Information
Studying philosophy offers students the opportunity to ask big questions and to pursue their intellectual passions. Whether you choose to major or to minor in philosophy, you will have the chance to work with ideas and thinkers that have shaped the world that we live in, explore challenging questions and problems that matter for today's world, and broaden your own intellectual abilities so that when you graduate, you're ready to succeed at your chosen career.

The core classes of the major (303, 304, and 405) will introduce you to the major ideas and thinkers of the Western philosophical tradition. Logic (220) will hone your reasoning and sharpen your argumentative skills. Ethics (306) will confront you with the challenges of formulating thoughtful responses to problems of suffering and injustice. A capstone seminar (420) allows you to delve deeply into a single topic and develop a well-researched and publishable essay. Electives allow you to further your inquiries into topics such as professional ethics, art, gender, and the environment.

Philosophy students go on to pursue an extremely wide variety of careers, from professional fields such as biomedicine, law, and finance, to knowledge-based fields such as counseling, public policy, journalism, and politics. Undergraduate

philosophy students outperform all other humanities students on a wide range of post-graduate exams, including the GRE, the LSAT, and the GMAT. This makes philosophy an excellent choice for a minor or second major.

Requirements

Simple Requisites

Minor Requirements
Type
Completion Requirement

Philosophy Courses

Complete ALL of the following Courses:

- PHL303 - Ancient Philosophy
- PHL304 - Modern Philosophy
- PHL220 - Logic
- PHL306 - Ethics

• One other PHL course

Students must earn at least a 70% in a course for it to count toward the minor.

PHY.BA - Physics BA

General

Description
Major in Physics (Bachelor of Arts) For a bachelor of arts with a major in physics, five courses beyond the basic sequence are required plus one course of independent study or research (PHY 492, PHY 494 or Honors 404).

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

Physics Major

For a bachelor of arts with a major in physics, five courses beyond the basic sequence are required plus one course of independent study or research (PHY 492, PHY 494 or Honors 404). The preferred sequence is as follows:

Fulfill ALL of the following requirements:

Required

Complete ALL of the following Courses:

- PHY121 - General Physics I
  AND PHY122 - General Physics II
- PHY305 - Modern Physics
- PHY304 - Oscillations and Waves
- MTH151 - Calculus I
  AND MTH152 - Calculus II
  AND MTH251 - Calculus III
  AND MTH341 - Differential Equations

AND

Required

Complete at least 3 of the following courses:

- PHY311 - Analytical Mechanics
- PHY312 - Electricity and Magnetism
- PHY313 - Statistical Physics
- PHY414 - Modern Optics
- PHY421 - Quantum Mechanics

PHY.BA.SE - Physics SE BA

General

Description
Licensure for Secondary Teaching Physics students who wish to qualify for licensure in secondary education must complete physics major requirements and at least one course in chemistry and one in biology. Students must also complete education courses as listed in the University catalog.

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

Physics Major

For a bachelor of arts with a major in physics, five courses beyond the basic sequence are required plus one course of independent study or research (PHY 492, PHY 494 or Honors 404). The preferred sequence is as follows:

Fulfill ALL of the following requirements:

Required

Complete ALL of the following Courses:

- PHY121 - General Physics I
  AND PHY122 - General Physics II
- MTH151 - Calculus I
  AND MTH152 - Calculus II
  AND MTH251 - Calculus III
  AND MTH341 - Differential Equations

AND

Required

Complete at least 3 of the following courses:

- PHY311 - Analytical Mechanics
- PHY312 - Electricity and Magnetism
- PHY414 - Modern Optics
- PHY421 - Quantum Mechanics

Licensure for Secondary Teaching
Type
Completion Requirement

Secondary Education Licensure

Physics students who wish to qualify for licensure in secondary education must complete physics major requirements and at least one course in chemistry and one in biology.

Complete ALL of the following Courses:

- EDU104 - Cultural Foundatns Educ U.S.
- SEC300 - Teaching in Diverse Schools
- SEC310 - Meth&BestPrac in Mid&SecEdu
- SEC421 - Academic Literacies for K-12
- SEC450 - Sem in Collab & Prof Prac
- SEC455 - Student Tchg in Sec/Mid Sch

See the director of secondary education regarding any additional requirements.

Students are required to pass the Test of Academic Proficiency (TAP) to be admitted to the secondary licensure program, the state content area test in science (with a physics designation) prior to student teaching, and the APT (Assessment of Professional Teaching) prior to program completion. Students should keep in close contact with both the physics and education departments in order to complete the requirements for the major and teacher licensure.

PHY.BS - Physics BS

General

Description

Major in Physics (Bachelor of Science) For a bachelor of science with a major in physics, seven courses beyond the basic sequence are required plus one course of independent study or research (PHY 492, 494, or Honors 404).

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

Physics Major

For a bachelor of science with a major in physics, seven courses beyond the basic sequence are required plus one course of independent study or research (PHY 492, 494, or Honors 404). The preferred sequence is as follows:

Complete ALL of the following Courses:

- PHY121 - General Physics I
  AND PHY122 - General Physics II
- PHY304 - Oscillations and Waves
- PHY305 - Modern Physics
- PHY311 - Analytical Mechanics
- PHY312 - Electricity and Magnetism
- PHY313 - Statistical Physics
- PHY414 - Modern Optics
- PHY421 - Quantum Mechanics
- MTH151 - Calculus I
  AND MTH152 - Calculus II
  AND MTH251 - Calculus III
  AND MTH341 - Differential Equations
- CS220 - Computer Science I
- CHM211 - Chemical Principles I
  AND CHM212 - Chemical Principles II

PHY.BS.SE - Physics SE BS

General

Description

Licensure for Secondary Teaching Physics students who wish to qualify for licensure in secondary education must complete physics major requirements and at least one course in chemistry and one in biology. Students must also complete education courses as listed in the University catalog.

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

Physics Major

For a bachelor of science with a major in physics, seven courses beyond the basic sequence are required plus one course of independent study or research (PHY 492, 494, or Honors 404). The preferred sequence is as follows:

Complete ALL of the following Courses:

- PHY121 - General Physics I
  AND PHY122 - General Physics II
- PHY311 - Analytical Mechanics
- PHY312 - Electricity and Magnetism
- PHY414 - Modern Optics
- PHY421 - Quantum Mechanics
- MTH151 - Calculus I
  AND MTH152 - Calculus II
  AND MTH251 - Calculus III
  AND MTH341 - Differential Equations
- CS220 - Computer Science I
- CHM211 - Chemical Principles I
  AND CHM212 - Chemical Principles II

Licensure for Secondary Teaching
Type
Completion Requirement

Secondary Education Licensure

Physics students who wish to qualify for licensure in secondary education must complete physics major requirements and at least one course in chemistry and one in biology.

Complete ALL of the following Courses:

- EDU104 - Cultural Foundatns Educ U.S.
- SEC300 - Teaching in Diverse Schools
- SEC310 - Meth&BestPrac in Mid&SecEdu
- SEC421 - Academic Literacies for K-12
- SEC450 - Sem in Collab & Prof Prac
- SEC455 - Student Tchg in Sec/Mid Sch

See the director of secondary education regarding any additional requirements.

Students are required to pass the Test of Academic Proficiency (TAP) to be admitted to the secondary licensure program, the state content area test in science (with a physics designation) prior to student teaching, and the APT (Assessment of Professional Teaching) prior to program completion.

Students should keep in close contact with both the physics and education departments in order to complete the requirements for the major and teacher licensure.

PHY.ENG.BS - Engineering Physics BS

General

Description
Major in Engineering Physics (Bachelor of Science). For a bachelor of science with a major in Engineering Physics, eleven courses beyond the basic sequence are required plus one course of independent study or research (PHY 492, 494, or Honors 495).

Outcome
Problem selection and contextualization: Acquire a broad knowledge of the fundamental principles and model systems of physics and be able to evaluate a technical problem in the context of how it contributes to knowledge in the field.

Outcome
Design and implementation: Design and carry through a mathematical analysis, computer simulation, or experiment.

Outcome
Data generation and analysis: Produce data and organize and represent it in a way that facilitates analysis. Acquire a broad knowledge of analytical techniques to analyze data to test hypotheses and support conclusions.

Outcome
Troubleshooting: Understand sources of error and failure modes. Use physical and mathematical reasoning to develop contingency plans to deal with unexpected setbacks to the project.

Outcome
Organization of research materials and products: Maintain a well-organized research notebook. Know how to organize data and working materials (code, experimental components and apparatus, notes, and references) so they can be retrieved or examined easily when needed.

Outcome
Discussion and presentation: Organize and present final results both as a research seminar and as a written report. Demonstrate the ability to tell a coherent 'story' of all phases — design, implementation, results, and analysis — of the research project.

Requirements

Simple Requisites

The Integrated Curriculum
Type
Completion Requirement

Additional Comments:
The Integrated Curriculum

Major Requirements
Type
Completion Requirement

Physics Major

For a bachelor of science with a major in Engineering Physics, seven courses beyond the basic sequence are required plus one course of independent study or research (PHY 492, 494, or Honors 404). The preferred sequence is as follows:

Complete ALL of the following Courses:

- PHY121 - General Physics I
  AND PHY122 - General Physics II
- PHY305 - Modern Physics
- PHY304 - Oscillations and Waves
- PHY306 - Mechatronics 1
  AND PHY307 - Mechatronics 2
- PHY311 - Analytical Mechanics
- PHY312 - Electricity and Magnetism
- PHY313 - Statistical Physics
- PHY414 - Modern Optics
- PHY421 - Quantum Mechanics
- MTH151 - Calculus I
  AND MTH152 - Calculus II
  AND MTH251 - Calculus III
  AND MTH341 - Differential Equations

Independent Research

Complete ANY of the following Courses:

- PHY492 - Independent Study
- PHY494 - Independent Research
- PHY495 - Honors Independent Research

Electives
Type
Completion Requirement

PHY.MIN - Physics Minor

General

Requirements

Simple Requisites

Minor Requirements
Type
Completion Requirement

Physics Courses

Complete ALL of the following Courses:

- PHY121 - General Physics I
- PHY122 - General Physics II
- PHY304 - Oscillations and Waves
- PHY305 - Modern Physics

• One additional upper-level physics course.

At least three of the five courses must be completed at Elmhurst University.

PM.CP - Graduate Certificate in Project Management

General

Description
Elmhurst University's graduate certificate in project management consists of four existing courses from the master of project management program. Students who complete the four courses for credit will receive the graduate certificate in project management, or they may complete an additional six courses to earn a Master in Project Management.

Outcome
Demonstrate and apply practical and theoretical project management skills to a wide variety of projects

Outcome
Outline the various techniques utilized in project management for beginning, managing and ending projects

Outcome
Identify the basic tools of project management to include project plans, Gantt charts and other tools and techniques applied in the project management process

Outcome
Recognize and explain the dynamics associated with effective communications, stakeholders, urgency and managing to defined timeframes and budgets

Outcome
Evaluate critical success factors for effectiveness in achieving project objectives

Outcome
Apply skills and techniques gained for success on the PMP professional certification competency exam

Program Information

Program Format

The graduate certificate in project management is a part-time EC Flex program that can be completed in as little as one year. Students complete coursework through eight-week sessions.

Admission

Applicants for the graduate certificate in project management must have a bachelor's degree in business, computer science, engineering or a related field from a regionally accredited university/college.

The Project Management Institute (PMI) requires those who wish to take the Project Management Professional (PMP) exam to have a minimum of three years of project management experience, consisting of at least 4,500 hours spent leading and directing projects.

FACULTY
Eric Sanders - Program Director

Requirements

Simple Requisites

Certificate Requirements
Type
Completion Requirement

Project Management Courses

Complete ALL of the following Courses:

- MBA509 - Project Management
- MPM501 - ProjctMgt Fundmntls Prac I
- MPM502 - PrjctMgt Fundmntls Prac II
- MPM503 - AI & Other Tools & Techniques for PM
- MPM590 - PMP Exam Preparation Review

PM.MPM - Project Management MPM

General

Description
Elmhurst University's Master in Project Management program (MPM) is designed to teach advanced project-management concepts, improve students' leadership skills, and develop their ability to influence people at all levels. Students learn to apply the necessary knowledge and skills to lead and manage complex projects in a wide range of fields and occupations. The curriculum focuses on the entire process of project management, from initiating, planning, executing, monitoring and controlling to closing a project.
Program Information
Graduates of this program will be prepared to employ their knowledge to support ethical project management and formal structure requirements. They will be able to translate the financial aspects of a corporation into the project management process; advocate for appropriate behavioral and cultural changes through accurate description of their impact on human resources; and use technology as a tool for effective project management.

Admission

Applicants for the master in project management must have a bachelor's degree in business, computer science, engineering or a related field from a regionally accredited university or college. Students must also have at least three years of general management or project management experience in areas of increasing responsibility.

Those who wish to take the Project Management Professional (PMP) exam are required by the Project Management Institute (PMI) to have a minimum of three years of project management experience consisting of at least 4,500 hours spent leading and directing projects.

Program Format

The master in project management is a part-time program that can be completed in as little as two years. Offered in the evenings, the program allows the student to earn a degree on a schedule that works for them. Students complete coursework in eight-week sessions and may begin in the Spring, Summer or Fall Term. Electives may be taken any time during the program.

Curriculum

Students in Elmhurst University's master in project management program are required to successfully complete 10 courses (eight core courses and two electives), for a total of 7.50 credits (30 semester hours). Students who complete the MPM program are eligible to enroll in a complimentary PMP Exam Preparation Review Course to prepare for PMP certification.

Program Length: 7.50 credits (30 semester hours)

FACULTY
Bruce D. Fischer - Program Director

Requirements

Simple Requisites

Program Requirements
Type
Completion Requirement

Project Management Courses

Complete ALL of the following Courses:
- MBA500 - Organizational Management
- MBA509 - Project Management
- MPM501 - ProjctMgt Fundmntls Prac I
- MPM502 - PrjctMgt Fundmntls Prac II
- MPM503 - AI & Other Tools & Techniques for PM
- MPM505 - Fin Mgt for Project Manager
- MPM506 - Corporate Communications
- MPM520 - Agile Project Management
- MPM590 - PMP Exam Preparation Review

Electives
Type
Completion Requirement

Required Electives

Complete at least 2 of the following courses:
- MBA552 - Leadership
- MBA553 - Organization Behavior
- MBA555 - Negotiations
- MBA558 - Leading Change Mgt
- MDS534 - Introduction to Predictive Modeling

PMW.MIN - Professional and Multimedia Writing Minor

General

Description
An English minor consists of a minimum of five credits (20 semester hours) to include ENG 201, ENG 220 and at least three additional English courses taken at the 300 or 400 level. See the English department program page for specific minors that can be selected and transcripted.
Program Information
Note: with permission of the department chair or writing program director, ENG 350 or ENG 410 can be substituted for an English elective credit if the topic is appropriate for the minor in question. ENG 468 cannot be counted as an elective toward the minor.

Any English minor may be used to satisfy the minor requirements for elementary education majors for State of Illinois licensure.

Requirements

Simple Requisites

Minor Requirements
Type
Completion Requirement

Professional and Multimedia Writing Courses

Complete ALL of the following Courses:
- ENG201 - Comp III:Clsscl Rhet/Cont Discourse
- ENG220 - Principles of Literary Study
- ENG303 - Business & Technical Writing
- ENG403 - Adv Professional & Multimedia Writing

• One English writing course at the 300/400 level

POL.BA - Political Science BA

General

Description
The discipline of political science seeks knowledge and understanding of the processes and institutions which establish the values of public life for human communities. Students of political science discover how political power is

distributed, how different governments operate and interact, how societies are structured, and how laws are created and enforced. Students majoring or minoring in political science gain a broad understanding of politics by taking courses in three subfields in political science: US Politics, World Politics and Political Thought. This knowledge and understanding is valuable for all citizens and essential for many careers - - as well as foundational for further education in politics, policy, public administration and the law.

Outcome
Synthesize important political concepts and theories that have been used to explain political realities.

Outcome
Analyze how political structures, policies, values, or behaviors operate within, or between political systems.

Outcome
Articulate and argue for a political position in writing and in oral presentation.

Outcome
Identify and evaluate knowledge and skills necessary for active citizenship.

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

Political Science Major

The major in political science requires grades of C- or better in a minimum of nine courses: eight core courses and one elective course. The senior seminar should be taken during the term prior to graduation.

Fulfill ALL of the following requirements:

Core

Complete ALL of the following Courses:
- POL201 - U.S. Federal Government
- POL445 - Senior Seminar: Topics in POL & URB

AND

American Politics

Complete at least 2 of the following courses:
- POL202 - U.S. State & Local Government
- POL240 - Law and Politics
- POL300 - Urban Politics
- POL305 - The U.S. Presidency
- POL320 - Congress
- POL340 - Intro to Law
- POL360 - Public Policy & Administration
- POL365 - Environmntl Politics&Policy
- POL411 - Constitutional Law :Civil Liberties
- POL412 - Constitutional Law: Civil Rights
- POL410 - Environmental Law

AND

World Politics

Complete at least 2 of the following courses:
- POL203 - Introduction to World Politics
- POL301 - Politics of the Global North
- POL302 - Politics of the Global South
- POL303 - Politics of the Middle East
- POL306 - Politics of International Relations
- POL307 - U.S. Foreign Policy
- POL311 - Model United Nations
  OR HON310 - Model United Nations

AND

Political Thought

Complete at least 2 of the following courses:
- POL314 - Classical Political Thought
- POL315 - Modern&Contemporary Pol Thry
- POL319 - U.S. Political Thought
- POL402 - Political Justice

Electives
Type
Completion Requirement

Electives

Choose one elective from the following (if not taken for core):

Complete at least 1 of the following courses:
- POL150 - Introduction to Politics
- POL202 - U.S. State & Local Government
- POL203 - Introduction to World Politics
- POL240 - Law and Politics
- POL300 - Urban Politics
- POL301 - Politics of the Global North
- POL302 - Politics of the Global South
- POL303 - Politics of the Middle East
- POL305 - The U.S. Presidency
- POL306 - Politics of International Relations
- POL307 - U.S. Foreign Policy
- POL311 - Model United Nations
  OR HON310 - Model United Nations
- POL314 - Classical Political Thought
- POL315 - Modern&Contemporary Pol Thry
- POL319 - U.S. Political Thought
- POL320 - Congress
- POL340 - Intro to Law
- POL351 - Mock Trial I
- POL352 - Mock Trial J
- POL353 - Mock Trial II
- POL354 - Mock Trial Spring Only
- POL360 - Public Policy & Administration
- POL365 - Environmntl Politics&Policy
- POL402 - Political Justice

- POL410 - Environmental Law
- POL411 - Constitutional Law :Civil Liberties
- POL412 - Constitutional Law: Civil Rights
- POL421 - Practical Politics&political Campaigning
- POL452 - Sp Topics Political Science
- POL468 - Internship
- POL492 - Independent Study
- BID205 - ENG/POL UndrstndgPolThruLit
- BID330 - Phl/Pol Federal Politics & Media Ethics
- BID355 - POL/REL:NativAmer:PubPol/Rel
- BID357 - ENG/POL Feminist Poetry

POL.BS - Political Science BS

General

Description
The discipline of political science seeks knowledge and understanding of the processes and institutions which establish the values of public life for human communities. Students of political science discover how political power is distributed, how different governments operate and interact, how societies are structured, and how laws are created and enforced. Students majoring or minoring in political science gain a broad understanding of politics by taking courses in three subfields in political science: US Politics, World Politics and Political Thought. This knowledge and understanding is valuable for all citizens and essential for many careers - - as well as foundational for further education in politics, policy, public administration and the law.

Outcome
Synthesize important political concepts and theories that have been used to explain political realities.

Outcome
Analyze how political structures, policies, values, or behaviors operate within, or between political systems.

Outcome
Articulate and argue for a political position in writing and in oral presentation.

Outcome
Identify and evaluate knowledge and skills necessary for active citizenship.

Requirements

No Requirements

POL.MIN - Political Science Minor

General

Description
The discipline of political science seeks knowledge and understanding of the processes and institutions which establish the values of public life for human communities. Students of political science discover how political power is distributed, how different governments operate and interact, how societies are structured, and how laws are created and enforced. Students majoring or minoring in political science gain a broad understanding of politics by taking courses in three subfields in political science: US Politics, World Politics and Political Thought. This knowledge and understanding is valuable for all citizens and essential for many careers - - as well as foundational for further education in politics, policy, public administration and the law.

Outcome
Synthesize important political concepts and theories that have been used to explain political realities.

Outcome
Analyze how political structures, policies, values, or behaviors operate within, or between political systems.

Outcome
Articulate and argue for a political position in writing and in oral presentation.

Outcome
Identify and evaluate knowledge and skills necessary for active citizenship.

Requirements

Simple Requisites

Minor Requirements
Type
Completion Requirement

Political Science Courses

Complete a minimum of five courses
The minor in Political Science consists of a minimum of five courses, three of which must be above the 200 level. One course must be in political thought. At least three courses must be taken at Elmhurst University.

PSY.BA - Psychology BA

General

Description
10 courses are required for a major in psychology. A grade of C or better is necessary to satisfy major, minor and prerequisite requirements. All students must take one 400-level capstone option at Elmhurst University. All 400-level capstone options require that the student has already taken Statistics and Research Methods in Psychology.

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

Major Foundation

Complete ALL of the following Courses:
- PSY210 - Intro to Psychological Science
- PSY355 - Statistics for Scientific Research
- PSY356 - Research Methods in Psychology

Core Psychological Perspectives

Four Courses: One from each of the Perspectives in Group I and one from the Perspectives in Group II

Fulfill ALL of the following requirements:

Core Psychological Perspectives (Group I)

Fulfill ALL of the following requirements:

Cognitive and Biological Perspectives

Complete at least 1 of the following courses:
- BID300 - PHL/PSY Neuroethics
- PSY313 - Cognitive Neuroscience
- PSY314 - Psychopharmacology
- PSY324 - Physiological Psychology
- PSY330 - Cognitive Psychology

AND

Developmental Perspectives

Complete at least 1 of the following courses:
- PSY315 - Lifespan Development
- PSY317 - Child Development
- PSY318 - Adolescent Development
- PSY319 - Adult Development & Aging

*Note: PSY 315 does not count toward ANY major requirements if any PSY 317, PSY 318 or PSY 319 are taken. Psychology majors are therefore encouraged to take PSY 317, PSY 318 or PSY 319. Psychology/Nursing double majors are encouraged to take PSY 315.

AND

Sociocultural Perspectives

Complete at least 1 of the following courses:
- PSY303 - Social Psychology
- PSY325 - Psychology & Culture
- PSY333 - Psychology of Human Sexuality

AND

Core Psychological Perspectives (Group II)

Complete at least 1 of the following:

Adaptive and Maladaptive Perspectives

Complete at least 1 of the following courses:
- PSY312 - Personality Theory & Research
- PSY327 - Psychopathology
- PSY328 - Clinical & Counseling Psychology

OR

Applied Perspectives

Complete at least 1 of the following courses:
- PSY326 - Industrial & Organizational Psychology
- PSY348 - Health Psychology
- PSY422 - Psychological Testing

Capstone Experience in Psychology

Psychology majors must take a senior capstone experience, in which they will focus in-depth on a particular topic in Psychology. Any of the following courses meet this requirement, but PSY 496 is the standard option for most students, with others requiring special permission and advance notice.

Fulfill ANY of the following requirements:

Standard Capstone Option

Complete ALL of the following Courses:
- PSY496 - Senior Capstone Seminar

OR

Alternative Capstone Options

Complete ANY of the following Courses:
- PSY498 - Sr Capstone Independent Stdy
- PSY495 - Honors Independent Research

AND

Electives
Type
Completion Requirement

Psychology Electives

Students may select any two 1-credit PSY courses at the 300 level or above to take as elective courses. This includes all courses in Core Perspectives Groups I and II with the exception of PSY 315, and all PSY courses in the catalog with the exception of 349, 358, 449, 493, and 495, 497, and 498.

Two courses

Non-PSY Electives

Complete ANY of the following Courses:
- KIN323 - Sport & Exercise Psychology
- BIO444 - Neurobiology

Note: Some of these courses may have prerequisites.

PSY.BS - Psychology BS

General

Description
10 courses are required for a major in psychology. A grade of C or better is necessary to satisfy major, minor and prerequisite requirements. All students must take one 400-level capstone option at Elmhurst University. All 400-level

capstone options require that the student has already taken Statistics and Research Methods in Psychology.

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

Major Foundation

Complete ALL of the following Courses:
- PSY210 - Intro to Psychological Science
- PSY355 - Statistics for Scientific Research
- PSY356 - Research Methods in Psychology

Core Psychological Perspectives

Four Courses: One from each of the Perspectives in Group I and one from the Perspectives in Group II

Fulfill ALL of the following requirements:

Core Psychological Perspectives (Group I)

Fulfill ALL of the following requirements:

Cognitive and Biological Perspectives

Complete at least 1 of the following courses:
- BID300 - PHL/PSY Neuroethics
- PSY313 - Cognitive Neuroscience
- PSY314 - Psychopharmacology
- PSY324 - Physiological Psychology
- PSY330 - Cognitive Psychology

AND

Developmental Perspectives

Complete at least 1 of the following courses:
- PSY315 - Lifespan Development
- PSY317 - Child Development
- PSY318 - Adolescent Development
- PSY319 - Adult Development & Aging

*Note: PSY 315 does not count toward ANY major requirements if any PSY 317, PSY 318 or PSY 319 are taken. Psychology majors are therefore encouraged to take PSY 317, PSY 318 or PSY 319. Psychology/Nursing double majors are encouraged to take PSY 315.

AND

Sociocultural Perspectives

Complete at least 1 of the following courses:
- PSY303 - Social Psychology
- PSY325 - Psychology & Culture
- PSY333 - Psychology of Human Sexuality

AND

Core Psychological Perspectives (Group II)

Complete at least 1 of the following:

Adaptive and Maladaptive Perspectives

Complete at least 1 of the following courses:
- PSY312 - Personality Theory & Research
- PSY327 - Psychopathology
- PSY328 - Clinical & Counseling Psychology

OR

Applied Perspectives

Complete at least 1 of the following courses:
- PSY326 - Industrial & Organizational Psychology
- PSY348 - Health Psychology
- PSY422 - Psychological Testing

Capstone Experience in Psychology

Psychology majors must take a senior capstone experience, in which they will focus in-depth on a particular topic in Psychology. Any of the following courses meet this requirement, but PSY 496 is the standard option for most students, with others requiring special permission and advance notice.

Fulfill ANY of the following requirements:

Standard Capstone Option

Complete ALL of the following Courses:
- PSY496 - Senior Capstone Seminar

OR

Alternative Capstone Options

Complete ANY of the following Courses:
- PSY498 - Sr Capstone Independent Stdy
- PSY495 - Honors Independent Research

AND

Electives
Type
Completion Requirement

Psychology Electives

Students may select any two 1-credit PSY courses at the 300 level or above to take as elective courses. This includes all courses in Core Perspectives Groups I and II with the exception of PSY 315, and all PSY courses in the catalog with the exception of 349, 358, 449, 493, and 495, 497, and 498.

Two courses

Non-PSY Electives

Complete ANY of the following Courses:
- KIN323 - Sport & Exercise Psychology
- BIO444 - Neurobiology

Note: Some of these courses may have prerequisites.

Bachelor of Science Option
Type
Completion Requirement

Math Requirement

Complete two college-level mathematics courses.

PSY355 counts towards this requirement. Students must complete one additional college-level math course in addition to PSY355.

PSY.MIN - Psychology Minor

General

Requirements

Simple Requisites

Minor Requirements
Type
Completion Requirement

Psychology Courses

Complete ALL of the following Courses:

- PSY210 - Intro to Psychological Science
- PSY355 - Statistics for Scientific Research
  OR MTH345 - Elementary Statistics

• Three Psychology Elective courses

Transfer students must take three of the five courses required for a minor at Elmhurst University.

Students may not count PSY 315 Lifespan Development and another development course (PSY 317, 318 or 319).

RCM.MIN - Religious Studies and Church Music Minor

General

Description
The Department of Music and Department of Religious Studies have joined together to offer a linked program of study for students who want to serve the church through music and theology. Requirements seek to provide a candidate with a breadth of study in music and theology, as well as provide a foundation in one of the areas of the University's applied music program that ensures a sustainable level of musical expertise. Individuals interested in pursuing this minor should make their intentions known in writing to the chairs of the music and religious studies departments. The minor requires completion of courses and requirements for the B.A. in Music.

Requirements

Simple Requisites

Minor Requirements
Type
Completion Requirement

Religious Studies and Church Music Courses

Complete ALL of the following Courses:

- REL200 - Introduction to Biblical Studies
- REL320 - Emergence of Christian Thght
- REL321 - Mod & Contemp Christn Thght
- MUS215 - Music in the Christian Church
- MUS369 - Conducting I
- MUS492 - Independent Study

Additional coursework in religious studies, conducting and orchestration is encouraged.

REE.MIN - Reading Education Minor

General

Description
Completion of this minor requires a minimum of 18 semester hours of coursework in reading education.

Outcome
Apply a multiplicity of literacies required for learning new content knowledge in order to guide students in processes to navigate their communities.

Outcome
Meet the individual needs of all students through developmentally appropriate practices with high expectations.

Outcome
Utilize non-biased assessments of student learning coupled with meaningful student feedback and self-assessment

Outcome
Explains how critical reflection is utilized before, during, and after instruction through collaboration with others, interaction with theory and research, and analysis of student data and feedback.

Program Information
For students admitted to a teacher education program

No more than two courses will be accepted in transfer. Only students who are formally admitted to a teacher education program may earn this minor. Students are required to maintain a combined GPA of 2.75. The courses required for the reading teacher minor must satisfy the 18-hour course requirements for the Illinois State Board of Education (ISBE) Reading Teacher Endorsement on early childhood, elementary, special K–12 education or secondary teaching license. In addition, teacher candidates will need to pass the ISBE Teacher Content Test in Reading (#222).

Requirements

Simple Requisites

Minor Requirement
Type
Completion Requirement

Complete ALL of the following Courses:

- EDU322 - Literacy Fundamentals
- ELM314 - MethodsMaterialsLit Primary
  OR EYC314 - EleMethd/MatLiteracyLrnrPriClassroom
  OR SPE314 - MethodsMaterialsLit Primary
- EDU445 - Literacy Practicum
- ELM372 - MethodMaterialLitIntermedMid
  OR
  OR SEC421 - Academic Literacies for K-12
- ENG314 - Children's Literature
  OR EDU328 - Inclusive Texts for Pre-K-12 Classrooms
  OR ENG315 - Adolescent Literature
- SPE440 - Diag&RemedRdgDifficulties

Additional Comments:
The reading minor also requires passing the Reading Teacher test #222.

RES.MIN - Race and Ethnic Studies Minor

General

Description
The Race and Ethnic Studies minor provides students with an understanding of the experiences of people of color. It offers varying theoretical frameworks and disciplinary perspectives. Students will learn about the historic and current realities of people of color in the United States and how race and ethnicity intersect with additional identities, such as class and gender.

Outcome
Apply multiple theoretical frameworks and disciplinary perspectives on race to analyze the experiences of people of color

Outcome
Critically examine the historic and current realities of people of color in the United States

Outcome
Evaluate the intersections of race, ethnicity, class, gender, and other identities in relation to the experience of people of color

Requirements

Simple Requisites

Minor Requirements
Type
Completion Requirement

Complete ALL of the following Courses:

- SOC304 - Race and Ethnic Relations

Complete at least 3 of the following courses:

- BID355 - POL/REL:NativAmer:PubPol/Rel
- CJ351 - Communities & Crime
- CJ353 - Race/Ethnicity and the CrimJusticeSys
- COM315 - Intercultural Communication
- COM319 - Business & Professional Communication
- EDU104 - Cultural Foundatns Educ U.S.
- ENG230 - Rdgs in Race, Class & Gender
- ENG372 - Multicultural/Postcolonial Literature
- HIS170 - Latin American History
- HIS353 - The American West
- HIS355 - Forming the Chicago Ghetto
- HON332 - Exploring African American Women's Voice
- LTS301 - IntroToLatinoStudieThroughLit
- LTS303 - IntroToLSThroughFilm,Media,PopCulture
- MUS218 - The Making of Jazz
- PHL215 - Race, Gender, and Justice
- POL300 - Urban Politics
- PSY303 - Social Psychology
- PSY325 - Psychology & Culture
- REL346 - African Amer Rel Traditions
- URB210 - Cities
- WL320 - Non-West Culture/Lit & Film
- SOC320 - Sociology Of Latino/as

Additional Comments:
Students may apply no more than one class to the Race and Ethnic Studies minor and a separate major/minor. Course work must come from at least three separate disciplines (three separate prefixes).

RHT.MIN - Rhetoric and Theory Minor

General

Description
An English minor consists of a minimum of five credits (20 semester hours) to include ENG 201, ENG 220 and at least three additional English courses taken at the 300 or 400 level. See the English department program page for specific minors that can be selected and transcripted.
Program Information
Note: with permission of the department chair or writing program director, ENG 350 or ENG 410 can be substituted for an English elective credit if the topic is appropriate for the minor in question. ENG 468 cannot be counted as an elective toward the minor.

Any English minor may be used to satisfy the minor requirements for elementary education majors for State of Illinois licensure.

Requirements

Simple Requisites

Minor Requirements
Type
Completion Requirement

Rhetoric and Theory Courses

Complete ALL of the following Courses:

- ENG201 - Comp III:Clsscl Rhet/Cont Discourse
- ENG220 - Principles of Literary Study
- ENG401 - Composition IV: Theory & Research
- ENG415 - Literary Theory

• One English course at the 300/400 level

RSS.BA - Religious Studies BA

General

Description
Major in Religious Studies The Department of Religious Studies offers a large number of courses that enable students to explore the breadth and depth of their interests in the human condition. Students who major in religious studies will complete a minimum of seven courses in the Department of Religious Studies, six of which are not stipulated while the seventh and culminating course is the departmental capstone, REL 490 Senior Seminar. Student majors may-with the advice and consent of their faculty advisor-choose to study a broad array of diverse courses, or choose to study courses within a particular focus that address a particular concern. With the approval of their faculty advisor, students may select courses from the following areas of focus or from any of the other departmental courses .

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

Religious Studies Major

Fulfill ANY of the following requirements:

Religious Studies

Complete ANY of the following Courses:
- REL325 - Sociology of Religion (Inactive)

OR

History of Religions

Complete ANY of the following Courses:
- REL240 - World Religions:Gen Intro
- REL241 - Introduction to Judaism
- REL343 - Islamic Mysticism
- REL309 - Quest for the Historical Jesus (Inactive)
- REL320 - Emergence of Christian Thght
- REL346 - African Amer Rel Traditions
- REL350 - Religion in America

OR

Study of Scriptures

Complete ANY of the following Courses:
- REL200 - Introduction to Biblical Studies
- REL205 - The Bible as Literature
- REL244 - Understanding the Qur'an
- REL302 - Biblical Prophets and Current Context
- REL305 - Visions, Revolts, & Messiahs
- REL306 - Story Jesus:Synoptic Gospels
- REL307 - Paul the Apostle:his Letters and Thought
- REL314 - Feminist Biblical Interpretations

OR

Christian Theology

Complete ANY of the following Courses:
- REL320 - Emergence of Christian Thght
- REL321 - Mod & Contemp Christn Thght
- REL324 - The Problem of God

OR

Ethics and Social Justice

Complete ANY of the following Courses:
- REL230 - Christian Social Ethics
- REL242 - IssuesInIslam:Gender,Politics&HumnRight
- REL302 - Biblical Prophets and Current Context
- REL332 - Rel Ethics & Health Care
- REL430 - Seminar on the Niebuhrs

OR

Christian Ministry

Complete ANY of the following Courses:
- REL200 - Introduction to Biblical Studies
- REL321 - Mod & Contemp Christn Thght
- REL268 - Internship
  OR REL368 - Internship
  OR

OR

Serving Society

Complete ANY of the following Courses:
- REL268 - Internship
  OR REL368 - Internship
  OR
- REL430 - Seminar on the Niebuhrs

Students majoring in religious studies are encouraged (but not required) to complete a second major and/or minor through other academic departments in topics of their choice. For example, a major in religious studies easily fits with and corresponds with studies in nursing, business, education, pre-med, psychology or social work. In today's world, it is more important than ever for students to be fully equipped after graduation for meaningful employment or for graduate studies—and double majors do just this!

Capstone

Complete ALL of the following Courses:
- REL490 - Senior Seminar

RSS.MIN - Religious Studies Minor

General

Description
Students who minor in religious studies will successfully complete any four courses of their choosing within the Department of Religious Studies. After they have completed their third course, minors are encouraged but not required to register for the department's capstone, REL 490 Senior Seminar.

Requirements

SCED.BA - Secondary Science Education BA

General

Description
Secondary Science Education Major This major encompasses the coursework requirements for Illinois teacher licensure in (5-8) and (9-12) broadfield science. Completing this major will result in a major in Secondary Science Education and a minor in biology, chemistry or physics.

Outcome
1A. Implement and evaluate innovative, responsive, and evidence-based practices to advance content knowledge while affirming student identity. (IPTS 1, 2, 5)

Outcome
2A: Apply a multiplicity of literacies required for learning new content knowledge in order to guide students in processes to navigate their communities. (IPTS 2, 3, 5, 6)

Outcome
3A: Ensure equitable student-driven engagement in learning by leveraging student diversity through culturally responsive teaching. (IPTS 1, 5)

Outcome
4A: Uses classroom organizational routines and norms that align with restorative justice practices and are responsive to democratic and cultural values of all students and their families. (IPTS 4)

Outcome
5A: Candidates will collaborate with stakeholders to create learning opportunities that affirm the lived experiences, diverse histories, and languages of the learning community. (IPTS 8)

Outcome
6A: Explains how critical reflection is utilized before, during, and after instruction through collaboration with others, interaction with theory and research, and analysis of student data and feedback. (IPTS 9)

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

Secondary Science Education Major

Complete ALL of the following Courses:

- EDU104 - Cultural Foundatns Educ U.S.
- EDU223 - PK-12Learnrs/Exceptionalities
- EDU311 - Educational Psychology
- SEC300 - Teaching in Diverse Schools
- SEC310 - Meth&BestPrac in Mid&SecEdu
- TEL317 - Mthds&MaterialTchgEngLangLrnr
- SEC360 - MiddleSchool:HisPhilOrgStuct&BestPrac
- SEC421 - Academic Literacies for K-12
- SEC450 - Sem in Collab & Prof Prac
- SEC440 - Teaching Mid & Secondary School Science
- SEC455 - Student Tchg in Sec/Mid Sch

SEC 455 requires formal admission to student teaching

Broadfield Science Requirements

Complete ALL of the following Courses:

- BIO200 - General Biology I
- BIO201 - General Biology II
- CHM211 - Chemical Principles I
  AND CHM212 - Chemical Principles II
- GEO102 - Earth System Science
  OR AST212 - Introduction to Astronomy
- PHY121 - General Physics I
  OR PHY122 - General Physics II

(CHM220 Adv Chemical Principles can replace CHM211 & CHM212)

Concentration Options
Type
Completion Requirement

Biology Concentration for Secondary Science Education

For a minor in biology, at least five courses are required. At least three of the five courses must be taken at Elmhurst University. See Biology major if completing the major.

Complete ALL of the following Courses:

- BIO200 - General Biology I
- BIO201 - General Biology II

• Three electives at the 300 or 400 level

Chemistry Concentration for Secondary Science Education

For a minor in Chemistry, the following courses are required. At least three of the five courses must be completed at Elmhurst University. See Chemistry major if completing the major.

Complete ALL of the following Courses:

- CHM211 - Chemical Principles I
  AND CHM212 - Chemical Principles II
- CHM311 - Organic Chemistry I
  AND CHM312 - Organic Chemistry II

Two additional course credits of chemistry electives from the following: (one must have a lab)

• CHM221 Analytical Chemistry Analytical Chemistry

• Any 300/400-level chemistry course

(CHM220 Adv Chemical Principles can replace CHM211 & CHM212)

Physics Concentration for Secondary Science Education

For a minor in physics, at least five courses are required. At least three of the five courses must be completed at Elmhurst University. See Physics major if completing the major.

Complete ALL of the following Courses:

- PHY121 - General Physics I
- PHY122 - General Physics II

Three electives at the 300 or 400 level

SCED.BS - Secondary Science Education BS

General

Description

Secondary Science Education Major This major encompasses the coursework requirements for Illinois teacher licensure in (5-8) and (9-12) broadfield science. Completing this major will result in a major in Secondary Science Education and a minor in biology, chemistry or physics.

Outcome
1A. Implement and evaluate innovative, responsive, and evidence-based practices to advance content knowledge while affirming student identity. (IPTS 1, 2, 5)

Outcome
2A: Apply a multiplicity of literacies required for learning new content knowledge in order to guide students in processes to navigate their communities. (IPTS 2, 3, 5, 6)

Outcome
3A: Ensure equitable student-driven engagement in learning by leveraging student diversity through culturally responsive teaching. (IPTS 1, 5)

Outcome
4A: Uses classroom organizational routines and norms that align with restorative justice practices and are responsive to democratic and cultural values of all students and their families. (IPTS 4)

Outcome
5A: Candidates will collaborate with stakeholders to create learning opportunities that affirm the lived experiences, diverse histories, and languages of the learning community. (IPTS 8)

Outcome
6A: Explains how critical reflection is utilized before, during, and after instruction through collaboration with others, interaction with theory and research, and analysis of student data and feedback. (IPTS 9)

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

Secondary Science Education Major

Complete ALL of the following Courses:

- EDU104 - Cultural Foundatns Educ U.S.
- EDU223 - PK-12Learnrs/Exceptionalities
- EDU311 - Educational Psychology
- SEC300 - Teaching in Diverse Schools
- SEC310 - Meth&BestPrac in Mid&SecEdu
- TEL317 - Mthds&MaterialTchgEngLangLrnr
- SEC360 - MiddleSchool:HisPhilOrgStuct&BestPrac
- SEC421 - Academic Literacies for K-12
- SEC450 - Sem in Collab & Prof Prac
- SEC440 - Teaching Mid & Secondary School Science
- SEC455 - Student Tchg in Sec/Mid Sch

SEC 455 requires formal admission to student teaching

Broadfield Science Requirements

Complete ALL of the following Courses:

- BIO200 - General Biology I
- BIO201 - General Biology II
- CHM211 - Chemical Principles I
  AND CHM212 - Chemical Principles II
- GEO102 - Earth System Science
  OR AST212 - Introduction to Astronomy
- PHY121 - General Physics I
  OR PHY122 - General Physics II

(CHM220 Adv Chemical Principles can replace CHM211 & CHM212)

Concentration Options
Type
Completion Requirement

Biology Concentration for Secondary Science Education

For a minor in biology, at least five courses are required. At least three of the five courses must be taken at Elmhurst University. See Biology major if completing the major.

Complete ALL of the following Courses:

- BIO200 - General Biology I
- BIO201 - General Biology II

• Three electives at the 300 or 400 level

Chemistry Concentration for Secondary Science Education

For a minor in Chemistry, the following courses are required. At least three of the five courses must be completed at Elmhurst University. See Chemistry major if completing the major.

Complete ALL of the following Courses:

- CHM211 - Chemical Principles I
  AND CHM212 - Chemical Principles II
- CHM311 - Organic Chemistry I
  AND CHM312 - Organic Chemistry II

Two additional course credits of chemistry electives from the following: (one must have a lab)

• CHM221 Analytical Chemistry Analytical Chemistry

• Any 300/400-level chemistry course

(CHM220 Adv Chemical Principles can replace CHM211 & CHM212)

Physics Concentration for Secondary Science Education

For a minor in physics, at least five courses are required. At least three of the five courses must be completed at Elmhurst University. See Physics major if completing the major.

Complete ALL of the following Courses:

- PHY121 - General Physics I
- PHY122 - General Physics II

Three electives at the 300 or 400 level

Bachelor of Science Option
Type
Completion Requirement

Math Requirement

Complete two college-level mathematics courses.

SCM.MS - Supply Chain Managment MS

General

Description
Elmhurst University offers the Chicago area's first and foremost graduate program in supply chain management. This graduate program builds on the University's extensive experience as the only Chicago-area provider of an undergraduate degree program in logistics and supply chain management and draws strength from its location in one of the major transportation and logistics hubs in the world.

Outcome
Develop a sound understanding of the important role of supply chain management in today's business environment

Outcome
Become familiar with current supply chain management trends
Understand and apply the current supply chain theories, practices and concepts, utilizing case problems and problem-based learning situations

Outcome
Learn to use and apply computer-based supply chain optimization tools including the use of selected state of the art supply chain software suites currently used in business

Outcome
Develop and utilize critical management skills such as: negotiating, working effectively within a diverse business environment, ethical decision making and use of information technology

Outcome
Demonstrate the use of effective written and oral communications, critical thinking, team building and presentation skills as applied to business problems

Outcome
Successfully complete a year-long team research or case project concluding with a written and oral presentation of the findings

Program Information
An integrated and collaborative supply chain strategy is increasingly recognized as an imperative in order for businesses to compete effectively in today's new economy. Customers are demanding customization, higher quality products, responsiveness and reliability; the rapidly expanding globalization of operations and markets coupled with the uncertainties of supply chain disruptions is changing the economic landscape; information technology and electronic commerce are revolutionizing the way businesses operate. Progressive firms are recognizing that the future of competition is not going to be between firms but between supply chains. In response, businesses are rebuilding around supply chain management (SCM) with visibility, velocity and value as the cornerstones of an integrated, data-driven, process-oriented approach to procuring, producing and delivering products and services to customers.

The graduate curriculum provides students with a comprehensive understanding of the entire supply network. The curriculum emphasizes current theories and their applications, the latest industry practices and the use of leading supply chain software suites for supply chain planning.

The program is targeted at industry professionals with three or more years of general or specialized business experience who already have completed a bachelor's degree. Undergraduate studies may not necessarily be in logistics,

transportation or even business. Some applicants may require additional foundation work that could be accomplished in the six months or year prior to the startup of a cohort group. The foundation courses would be the basics in marketing, finance, accounting, statistics and economics. The exact number and types of classes would be determined by the director of the program

Practical work experience, such as an internship or practicum, is highly recommended for all students in the program who are not currently employed. The purpose of the internship/ practicum is to help the student become familiar with the applications and practices in the field of study.

Graduate students who have completed courses in an Elmhurst University graduate program as non-degree students may be allowed to apply those courses to a graduate program in the Department of Business and Economics upon acceptance as a degree-seeking student and approval of the program director. A student cannot apply the same courses to two different graduate degrees. Waivers and substitutions for undergraduate prerequisite courses will be determined by the program director.

The program of study is designed to meet the needs of the working adult student seeking an advanced graduate degree in supply chain management. A candidate can complete the 22 different modules including a final project in 21 months meeting one night per week, graduating with a total of 38 semester hours. The program is designed using the cohort model of instruction and students can attend the program on campus, synchronously online, or a combination of the two.

Approximately 20 students per class begin their study in the Fall Term every year, completing all coursework together during the next 21 months. This model of instruction requires that all courses must be taken in the defined sequence. Due to the nature of the cohort groups, any student that either fails or is forced to withdraw from a course will be asked to join another group in the next year's rotation.

Program Length: 9.50 credits (38 semester hours)

FACULTY
Roby Thomas - Program Director

Requirements

Simple Requisites

Program Requirements
Type
Completion Requirement

Supply Chain Management Courses

Complete ALL of the following Courses:

- SCM510 - Information Technology Tools
- SCM511 - Business&FinancialStrategies
- SCM512 - Outsrc Dec: Select 3rd Party Logst Firm
- SCM513 - Forecasting in the Supply Chain
- SCM521 - Inbound Logistics Strategies
- SCM530 - Supplier Certif in the Supply Chain
- SCM532 - Supply Chain Research & Analysis Techniq
- SCM533 - Global Logistics Networks
- SCM540 - Inventory Strategies
- SCM541 - Warehouse Management Strategies
- SCM550 - Transportation Management Strategies
- SCM551 - Marketing & Supply Chain Networks
- SCM552 - Benchmarkg Metrics for Supply Chain Mgmt
- SCM553 - Packaging Strategies
- SCM560 - E-Commerce and the Supply Chain
- SCM561 - Customer Relationships
- SCM570 - Supply Chain Seminar
- SCM571 - Supply Chain Information Systems
- SCM572 - Reverse Logistics
- SCM573 - Managing HR Issues in Global Marketplac
- SCM575 - Project in Supply Chain Management

SED.MSED - Education Special Education MSED

General

Description
This special education master's program is designed for experienced teachers from prekindergarten through high school with professional educator licenses in early childhood; elementary, secondary and middle school; and K-12 specialty areas, including current special educators.

Outcome
Acquire skills for group facilitation and collaboration with a variety of stakeholders, including the students in their classrooms

Outcome
Participate in the development and evaluation of evidence and research-based practices through critical inquiry

Outcome
Develop self-reflective and critical thinking skills that promote innovative special education practice and learning using a variety of perspectives

Program Information
The coursework advances teachers' practice to enable them to provide research-based special education services in their classrooms and schools. For teachers with the special education licensure, the graduate coursework represents advanced studies in special education assessment, characteristics and methods that they completed for initial licensure.

The program emphasizes advocacy and leadership within school communities and the profession. Teachers are engaged as critical thinkers in studying the current issues and practices in the field of special education as they apply best practices and develop innovative projects for their classrooms and schools. For teachers who are not already special educators, the program includes approved coursework for the State of Illinois LBS1 endorsement, which may be added to the professional license after successful completion of the Learning Behavior Specialist 1 (LBS1, #290) exam.

As part of degree requirements, all graduate students complete an action research capstone project as the final master's thesis, which is focused on a special education topic.

Program Format

Courses are offered in the evening from 6:00 p.m. to 8:30 p.m. during the Fall and Spring Terms, and in three-week formats during the summer from mid-June through July. All courses are offered in hybrid format, meeting alternately on campus and online. Graduate students may choose to enroll in two classes each

semester to complete the program in 24 months of full-time study or take up to four years to finish on a part-time schedule. Transfer credit may be used for up to two elective courses requirements. The maximum transfer credit of six semester hours is not automatic, and accepted courses must receive written approval, which will be noted on the transcript. Only courses completed prior to entering the program will be considered for transfer credit.

Graduate students enroll in a capstone seminar during the final Fall or Spring Term prior to graduation. During this seminar, students complete and present their master's projects, which are focused on curriculum and instruction in special education.

Approved for the State of Illinois LBS1 endorsement

Graduate students must maintain a 3.00 GPA requirement for all coursework and earn C's or higher in all coursework.

Program Length: 8.50 credits (34 semester hours)

FACULTY
Beverly Troiano - Program Director

Requirements

Simple Requisites

Program Requirements
Type
Completion Requirement

Special Education Core Courses

Complete ALL of the following Courses:

- MTL514 - Char Lrnrs with Disabilities
- MTL524 - Ed AssmtProcess&LrnrsDisabil
- MTL532 - Tchng in the Diverse Classrm
- MTL535 - C&I Lrnrs/Hi Incidence Disab
- MTL537 - C&I Lrnrs/Lo Incidence Disab
- MTL542 - School Law for Leadership
- MTL591 - Action Research in Education
- MTL598 - Seminar in Leadership

Research Electives

Complete at least 2 of the following courses:

- MTL521 - Prof/Community Collaboration
- MTL538 - Improvng Sch Climate & Lrng
- MTL597 - Promot Professionl Developmnt Sch Improv

Advocacy and Leadership Courses

Teachers choose two advocacy and leadership courses to complete the M.S.Ed. in Special Education from any MTL course offerings.

Complete at least 2 of the following courses:

- MTL521 - Prof/Community Collaboration
- MTL528 - Issues in Teacher Leadership
- MTL536 - Linking Assessmnt to Lrning
- MTL538 - Improvng Sch Climate & Lrng
- MTL544 - Crss-Cultur Studies Tch Eng Lang Lrners
- MTL567 - Culturally-RelevantCurr&Inst
- MTL597 - Promot Professionl Developmnt Sch Improv

SELA.BA - Secondary English Language Arts Education BA

General

Description
This major encompasses the coursework requirements for Illinois teacher licensure in (9-12) English. Completing this major will result in a double major in Secondary English Language Arts Education and English. Students should request academic advisors in both the Education and English departments and work with their advisors to carefully plan their course sequence.

Students must apply and be formally admitted to the Teacher Education Program to enter upper-level coursework. All courses must be completed with a grade of C- (1.7) or higher. Students must maintain major and cumulative GPAs of 2.75 or higher to remain in the program and fulfill licensure requirements. Students also must pass the state mandated content area test prior to student teaching: Test #207 English Language Arts (9-12). The 9-12 English Language Arts content test is required for licensure.

Secondary English Language Arts Education Major At least half of the Secondary English Language Arts major courses, excluding SEC 100, 300, 450, and 457, must be completed at Elmhurst University. Students also must complete three full terms at Elmhurst prior to student teaching.

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

Secondary English Language Arts Education Major

Complete ALL of the following Courses:

- EDU104 - Cultural Foundatns Educ U.S.
- EDU223 - PK-12Learnrs/Exceptionalities
- EDU311 - Educational Psychology
- SEC300 - Teaching in Diverse Schools
- SEC310 - Meth&BestPrac in Mid&SecEdu
- TEL317 - Mthds&MaterialTchgEngLangLrnr
- SEC421 - Academic Literacies for K-12
- ENG440 - Middle&HighSchool English&LangArts Mthd
- SEC450 - Sem in Collab & Prof Prac
- SEC455 - Student Tchg in Sec/Mid Sch

English Courses

Complete ALL of the following Courses:

- ENG201 - Comp III:Clsscl Rhet/Cont Discourse
- ENG220 - Principles of Literary Study
- ENG315 - Adolescent Literature
- ENG322 - British Lit II (1750 to 1900)
- ENG351 - American Literature I
- ENG372 - Multicultural/Postcolonial Literature
- ENG401 - Composition IV: Theory & Research
- ENG416 - History & Structure of English
- ENG440 - Middle&HighSchool English&LangArts Mthd
- ENG451 - Advanced Literary Study

SM.BA - Sport Management BA

General

Description
Combine your passion for sports with skills in leadership, management, and communication needed to succeed in a dynamic and competitive industry. With a major in sport management, you'll be prepared for a career in many aspects of the sports world, including: professional or school sports, sport administration, marketing and branding, sport sales, event planning, and sport facility management. An interdisciplinary major with courses drawn from the departments of kinesiology, business, and communication, the Sport Management major involves experiential learning and will help develop your understanding of leadership principles, ethical and legal aspects of sport, and the role sport plays in society.

Outcome
Demonstrate principles of management and leadership.

Outcome
Execute effective oral and written communication.

Outcome
Illustrate knowledge of historical perspectives and current trends that intersect sport and society and ethical decision-making.

Outcome
Present knowledge and skills of marketing and promotions related to various sectors of the sport field.

Outcome
Apply critical-thinking and problem-solving across an array of sport contexts through inquiry, analysis, and formulation of evidence-based conclusions.

Outcome
Transfer knowledge and skills to practical application and experience.

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

Sport Management Major

Students must achieve a minimum grade of "C" for all courses required for the Sport Management major.

Students may only repeat required major courses and requirements one time.

Complete ALL of the following Courses:

- KIN210 - Foundations of Sport Management
- KIN270 - Organization & Administration of Sport
- KIN301 - Sport Marketing & Industry Analysis
- KIN322 - Sport & Society
- KIN401 - Sport Events & Facilities
- KIN415 - Sport Law & Ethics
- KIN468 - Internship
- BUS263 - Acc & Financial Mgt for Non-Bus Majors
- COM213 - Public Speaking
- COM319 - Business & Professional Communication
- COM450 - Leadership and Communication

KIN 210 is a prerequisite for all higher level KIN Sport Management major courses.

KIN 401 will serve as the program's capstone course.

KIN 210 and KIN 301 are prerequisites for KIN 401.

COM 450 requires COM 114 be completed as a prerequisite.

Required Electives

Students select three courses from the elective list to complete the major requirements.

Only one (1) KIN course may count towards this elective requirement.

Complete at least 3 of the following courses:

- KIN285 - Coaching Theory
- KIN323 - Sport & Exercise Psychology
- KIN380 - History of Sport
- BUS330 - Consumer Behavior
- BUS350 - Cultural Diversity in Org
- BUS354 - Human Resource Management
- BUS355 - Negotiations: Theory & Practice
- BUS431 - Business to Business Professional Sell
- BUS453 - Organization Behavior
- COM315 - Intercultural Communication
- COM320 - Organizational Communication
- COM322 - Conflict Management
- COM328 - Event Management

Some upper-level COM classes require COM 114 as a prerequisite.

Some upper-level BUS courses require either BUS 230 or BUS 250 as a prerequisite.

Additional Comments:
Students must achieve a minimum grade of "C" for all courses required for the Sport Management major.

Students may only repeat required major courses one time.

SM.BS - Sport Management BS

General

Description
Combine your passion for sports with skills in leadership, management, and communication needed to succeed in a dynamic and competitive industry. With a major in sport management, you'll be prepared for a career in many aspects of the sports world, including: professional or school sports, sport administration, marketing and branding, sport sales, event planning, and sport facility

management. An interdisciplinary major with courses drawn from the departments of kinesiology, business, and communication, the Sport Management major involves experiential learning and will help develop your understanding of leadership principles, ethical and legal aspects of sport, and the role sport plays in society.

Outcome
Demonstrate principles of management and leadership.

Outcome
Execute effective oral and written communication.

Outcome
Illustrate knowledge of historical perspectives and current trends that intersect sport and society and ethical decision-making.

Outcome
Present knowledge and skills of marketing and promotions related to various sectors of the sport field.

Outcome
Apply critical-thinking and problem-solving across an array of sport contexts through inquiry, analysis, and formulation of evidence-based conclusions.

Outcome
Transfer knowledge and skills to practical application and experience.

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

Sport Management Major

Students must achieve a minimum grade of "C" for all courses required for the Sport Management major.

Students may only repeat required major courses and requirements one time.

Complete ALL of the following Courses:

- KIN210 - Foundations of Sport Management
- KIN270 - Organization & Administration of Sport
- KIN301 - Sport Marketing & Industry Analysis
- KIN322 - Sport & Society
- KIN401 - Sport Events & Facilities
- KIN415 - Sport Law & Ethics
- KIN468 - Internship
- BUS263 - Acc & Financial Mgt for Non-Bus Majors
- COM213 - Public Speaking
- COM319 - Business & Professional Communication
- COM450 - Leadership and Communication

KIN 210 is a prerequisite for all higher level KIN Sport Management major courses.

KIN 401 will serve as the program's capstone course.

KIN 210 and KIN 301 are prerequisites for KIN 401.

COM 450 requires COM 114 be completed as a prerequisite.

Required Electives

Students select three courses from the elective list to complete the major requirements.

Only one (1) KIN course may count towards this elective requirement.

Complete at least 3 of the following courses:

- KIN285 - Coaching Theory
- KIN323 - Sport & Exercise Psychology
- KIN380 - History of Sport
- BUS330 - Consumer Behavior
- BUS350 - Cultural Diversity in Org
- BUS354 - Human Resource Management
- BUS355 - Negotiations: Theory & Practice
- BUS431 - Business to Business Professional Sell
- BUS453 - Organization Behavior
- COM315 - Intercultural Communication
- COM320 - Organizational Communication
- COM322 - Conflict Management
- COM328 - Event Management

Some upper-level COM classes require COM 114 as a prerequisite.

Some upper-level BUS courses require either BUS 230 or BUS 250 as a prerequisite.

Bachelor of Science Option
Type
Completion Requirement

Math Requirement

Complete two college-level mathematics courses.

SM.MIN - Sport Management Minor

General

Description
The sport management minor will help prepare students for entry-level positions in sport organizations. The field of sport management not only addresses the needs of traditional team sports, but also provides career options in sport equipment manufacturing and sales, event planning and sponsorship, sport facility management, and sport tourism. One of the features of the minor is the personal attention that is offered to students in helping them develop their career goals and interests.

Outcome
Demonstrate principles of management and leadership.

Outcome
Execute effective oral and written communication.

Outcome
Illustrate knowledge and skills that intersect sport and society and ethical decision-making.

Outcome
Apply critical-thinking and problem-solving across an array of sport contexts through inquiry, analysis, and formulation of evidence-based conclusions.

Requirements

Simple Requisites

Minor Requirements
Type
Completion Requirement

Sport Management Courses

Complete ALL of the following Courses:

- KIN210 - Foundations of Sport Management
- KIN270 - Organization & Administration of Sport
- BUS250 - Management Theory and Practice
- BUS354 - Human Resource Management

Complete at least 2 of the following courses:

- KIN301 - Sport Marketing & Industry Analysis
- BUS350 - Cultural Diversity in Org
- COM450 - Leadership and Communication

KIN 270 and KIN 301 require KIN 210 as a prerequisite.

COM 450 requires COM 114 as a prerequisite.

SME.BS - Secondary Mathematics Education BS

General

Description
The Double Major in Secondary Mathematics Education and in Mathematics leads to licensure for 5-12 Teaching.

Outcome
1A. Implement and evaluate innovative, responsive, and evidence-based practices to advance content knowledge while affirming student identity. (IPTS 1, 2, 5)

Outcome
2A: Apply a multiplicity of literacies required for learning new content knowledge in order to guide students in processes to navigate their communities. (IPTS 2, 3, 5, 6)

Outcome
3A: Ensure equitable student-driven engagement in learning by leveraging student diversity through culturally responsive teaching. (IPTS 1, 5)

Outcome
4A: Uses classroom organizational routines and norms that align with restorative justice practices and are responsive to democratic and cultural values of all students and their families. (IPTS 4)

Outcome
5A: Candidates will collaborate with stakeholders to create learning opportunities that affirm the lived experiences, diverse histories, and languages of the learning community. (IPTS 8)

Outcome
6A: Explains how critical reflection is utilized before, during, and after instruction through collaboration with others, interaction with theory and research, and analysis of student data and feedback. (IPTS 9)

Outcome
1B: Utilize culturally relevant, critical, and anti-racist pedagogies demonstrating use of diverse and complex materials with opportunities for critical thinking to fully engage the curriculum. (IPTS 1, 3, 5)

Outcome
2B: Apply multi-textual, multicultural, and multi-modal resources representing diverse ways of thinking within learning concepts. (IPTS 2, 3, 5)

Outcome
3B: Meet the individual needs of all students through developmentally appropriate practices with high expectations. (IPTS 2, 3, 5)

Outcome
4B: Create an inclusive community of learners by using systems of support, materials, resources, and authentic artifacts that are welcoming and representative of all students and their families. (IPTS 4)

Outcome
5B: Candidates will collaborate with stakeholders to create equitable, supportive, and reflective learning environments. (IPTS 4, 8)

Outcome
6B: Advocates for self, students, and families by listening, communicating, and questioning that lead to the evaluation and adaptation of instructional practices and supports to address the needs of all students and families. (IPTS 9)

Program Information
This double major encompasses the coursework requirements for Illinois teacher licensure in (5-8 and 9-12) mathematics. Students must apply and be formally admitted to the Teacher Education Program to enter upper-level coursework. All courses must be completed with a grade of C- (1.7) or higher. Students must maintain a mathematics major GPA of 2.50 or higher and cumulative GPAs of 2.750 or higher to remain in the program and fulfill licensure requirements. Students also must pass the State mandated content area tests prior to student teaching: Test #202 Middle Grades (5-8) math and/or Test #208 Mathematics (9-12). The middle grades mathematics and 9-12 content test are required for licensure.

At least half of the Secondary Mathematics Education major courses, excluding SEC 100, 300, 450, and 457, must be completed at Elmhurst University. Students also must complete three full terms at Elmhurst prior to student teaching.

Students should convey their intentions to teach as soon as possible both to the education department and to chair of the mathematics department.

For licensure (5-12), the Mathematics major requires, in addition to the core of MTH 251, MTH 301, MTH 362, MTH 400, and MTH 451, the following courses: MTH 326, MTH 331, MTH 346, MTH 361, MTH 381, and MTH 440.

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

Secondary Mathematics Education Major

Complete ALL of the following Courses:
- EDU104 - Cultural Foundatns Educ U.S.
- EDU223 - PK-12Learnrs/Exceptionalities
- EDU311 - Educational Psychology
- SEC300 - Teaching in Diverse Schools
- SEC310 - Meth&BestPrac in Mid&SecEdu
- TEL317 - Mthds&MaterialTchgEngLangLrnr
- SEC360 - MiddleSchool:HisPhilOrgStuct&BestPrac
- SEC421 - Academic Literacies for K-12
- MTH440 - Teaching Middle & Secondary School Math
- SEC450 - Sem in Collab & Prof Prac
- SEC455 - Student Tchg in Sec/Mid Sch

Mathematics Courses

Complete ALL of the following Courses:
- MTH251 - Calculus III
- MTH301 - Discrete Mathematics
- MTH326 - Math Concepts for Elementary Teachers II
- MTH331 - Foundations of Geometry
- MTH346 - Statistics for Scientists
- MTH361 - Abstract Algebra
- MTH362 - Linear Algebra
- MTH381 - Real Analysis
- MTH400 - Research Methods in Mathematics
- MTH440 - Teaching Middle & Secondary School Math
- MTH451 - Senior Paper

SOC.BA - Sociology BA

General

Description
Major in Sociology Student Outcomes:
Sociology majors will be able to do the following after graduation: Apply sociological concepts and the sociological imagination to past and present social phenomena.
All students majoring in sociology are required to take a minimum of 10 courses

Outcome
Identify and apply sociological or criminological theories/philosophies to critically evaluate understand social phenomena

Outcome
Use scientific principles to evaluate social phenomena and communicate the findings

Outcome
Identify and analyze the inequity of the social structure to better develop solutions with the goal of informing ethical policy and/or practice

Outcome
Apply sociological concepts and the sociological imagination to past and present social phenomena

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

Sociology Major

All students majoring in sociology are required to take a minimum of 10 courses. Courses taken for the major must include the following required courses:

Complete ALL of the following Courses:
- SOC100 - Introductory Sociology
- SOC323 - Methods of Social Research
  OR CJ323 - Methods of Social Research
- SOC424 - Sociological Theory
- SOC496 - Capstone Seminar

Statistics Requirement

One of the following statistics courses should be taken before SOC/CJ 323:

Complete at least 1 of the following courses:
- PSY355 - Statistics for Scientific Research
- MTH345 - Elementary Statistics
- MTH346 - Statistics for Scientists

Inequalities Elective Requirement

Complete at least 2 of the following courses:
- SOC304 - Race and Ethnic Relations
- SOC305 - Sex and Gender in Society
- SOC353 - Sociology of Childhood & Youth
- SOC310 - Class and Status
- CJ319 - Juvenile Delinquency & Justice System
- SOC301 - Social Problems
- SOC320 - Sociology Of Latino/as

Institutions Elective Requirement

Complete at least 2 of the following courses:
- SOC212 - Sociology of Culture
- SOC316 - Society, Health, and Illness
- SOC317 - Marriage & the Family
- SOC352 - The Sociology of Work
- SOC351 - The Sociology of Identity
- REL325 - Sociology of Religion (Inactive)
- SOC330 - Global & Transnational Sociology
- SOC370 - Environmental Sociology

Additional Comments:
Only one Criminal Justice course can be counted toward the major.

SOC.BS - Sociology BS

General

Description
Major in Sociology Student Outcomes:
Sociology majors will be able to do the following after graduation: Apply sociological concepts and the sociological imagination to past and present social phenomena.
All students majoring in sociology are required to take a minimum of 10 courses

Outcome
Identify and apply sociological or criminological theories/philosophies to critically evaluate understand social phenomena

Outcome
Use scientific principles to evaluate social phenomena and communicate the findings

Outcome
Identify and analyze the inequity of the social structure to better develop solutions with the goal of informing ethical policy and/or practice

Outcome
Apply sociological concepts and the sociological imagination to past and present social phenomena

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

Sociology Major

All students majoring in sociology are required to take a minimum of 10 courses. Courses taken for the major must include the following required courses:

Complete ALL of the following Courses:
- SOC100 - Introductory Sociology
- SOC323 - Methods of Social Research
  OR CJ323 - Methods of Social Research
- SOC424 - Sociological Theory
- SOC496 - Capstone Seminar

Statistics Requirement

One of the following statistics courses should be taken before SOC/CJ 323:

Complete at least 1 of the following courses:

- PSY355 - Statistics for Scientific Research
- MTH345 - Elementary Statistics
- MTH346 - Statistics for Scientists

Inequalities Elective Requirement

Complete at least 2 of the following courses:

- SOC304 - Race and Ethnic Relations
- SOC305 - Sex and Gender in Society
- SOC353 - Sociology of Childhood & Youth
- SOC310 - Class and Status
- CJ319 - Juvenile Delinquency & Justice System
- SOC301 - Social Problems
- SOC320 - Sociology Of Latino/as

Institutions Elective Requirement

Complete at least 2 of the following courses:

- SOC212 - Sociology of Culture
- SOC316 - Society, Health, and Illness
- SOC317 - Marriage & the Family
- SOC352 - The Sociology of Work
- SOC351 - The Sociology of Identity
- REL325 - Sociology of Religion (Inactive)
- SOC330 - Global & Transnational Sociology
- SOC370 - Environmental Sociology

Additional Comments:
Only one Criminal Justice course can be counted toward the major.

Bachelor of Science Option
Type
Completion Requirement

Math Requirement

Complete two college-level math courses.
To earn a B.S. degree in sociology, students take at least two mathematics courses except **MTH 325**, **326**, **440** and **441**.

SOC.MIN - Sociology Minor

General

Description
The requirements for a minor in sociology are four courses including SOC 100. At least two courses must be taken at the 300 or 400 level. Courses in social work may not be applied toward the sociology minor. Only one course in Criminal Justice may be counted toward the sociology minor. At least two of the courses must be taken at Elmhurst University.

Requirements

SOW.MIN - Social Work Minor

General

Description
The social work minor is meant to prepare students to work in a range of fields or to go onto further graduate study in social work.

Outcome
Apply sociological concepts to research informed social work practice with youth, individuals, families, and groups

Program Information
A student may only apply one course to BOTH the social work minor and an additional minor or major (such as Sociology, Criminal Justice, or Childhood and Youth Studies). A grade of C- or better is necessary to satisfy major, minor and prerequisite requirements.

Requirements

Simple Requisites

Minor Requirements
Type
Completion Requirement

Social Work Courses

Students should complete five total courses to fulfill the minor requirements. A student may only apply one course to both the social work minor and an additional minor or major (such as Sociology, Criminal Justice, or Childhood and Youth Studies). A grade of C- or better is necessary to satisfy major, minor and prerequisite requirements.

Fulfill ALL of the following requirements:

Required

Complete ALL of the following Courses:

- SOC100 - Introductory Sociology
  OR SOC301 - Social Problems
- SW303 - Introduction to Social Work

AND

Electives

Complete at least 2 of the following courses:

- SW308 - Social Services Child and Adolescent
- SW404 - Social Work With Individuals & Families
- SW406 - Social Work Within Groups & Communities

AND

Complete ANY of the following Courses:

- CJ319 - Juvenile Delinquency & Justice System
- COM114 - Interpersonal Communication
- COM311 - Interprsonal Communicatn in the Workplce
- COM320 - Organizational Communication
- COM322 - Conflict Management
- COM323 - Family Communication
- COM326 - Health Communication
- COM315 - Intercultural Communication
- CSD242 - Towards Understanding Autism
- PSY328 - Clinical & Counseling Psychology
- PSY327 - Psychopathology
- SOC301 - Social Problems
- SOC317 - Marriage & the Family
- SOC353 - Sociology of Childhood & Youth
- SW308 - Social Services Child and Adolescent

- SW404 - Social Work With Individuals & Families
- SW406 - Social Work Within Groups & Communities
- SOC490 - Independent Field Work

SPE.BA - Special Education BA

General

Description
The special education major leads to licensure as a Learning Behavior Specialist I and prepares candidates to teach students in kindergarten through high school with the following disabilities: autism, cognitive disability, emotional disability, multiple disabilities, orthopedic impairment, other health impairment, and specific learning disabilities. All special education candidates will earn the English as a Second Language (ESL) approval for Special Education or Bilingual Special Education Approval. 15.25 credits are required for this major.

Outcome
Apply a multiplicity of literacies required for learning new content knowledge in order to guide students in processes to navigate their communities.

Outcome
Meet the individual needs of all students through developmentally appropriate practices with high expectations.

Outcome
Utilize non-biased assessments of student learning coupled with meaningful student feedback and self-assessment.

Outcome
Identifies issues relating to inequalities in teaching and learning by analyzing school policies and practices and ways to serve as agents of change in the school and community.

Outcome
Implement and evaluate innovative, responsive, and evidence-based practices to advance content knowledge while affirming student identity.

Outcome
Utilize culturally relevant, critical, and anti-racist pedagogies demonstrating use of diverse and complex materials with opportunities for critical thinking to fully engage the curriculum.

Outcome
Apply multi-textual, multicultural, and multi-modal resources representing diverse ways of thinking within learning concepts.

Outcome
Ensure equitable student-driven engagement in learning by leveraging student diversity through culturally responsive teaching.

Outcome
Uses classroom organizational routines and norms that align with restorative justice practices and are responsive to democratic and cultural values of all students and their families.

Outcome
Create an inclusive community of learners by using systems of support, materials, resources, and authentic artifacts that are welcoming and representative of all students and their families.

Outcome
Create an inclusive community of learners by using systems of support, materials, resources, and authentic artifacts that are welcoming and representative of all students and their families.

Outcome
Candidates will collaborate with stakeholders to create equitable, supportive, and reflective learning environments.

Outcome
Candidates will use a variety of resources to develop relationships with families and community agencies to recognize, develop, and implement plans that address the impacts of prejudice, bias, discrimination, and racism on student learning.

Outcome
Explains how critical reflection is utilized before, during, and after instruction through collaboration with others, interaction with theory and research, and analysis of student data and feedback.

Outcome
Advocates for self, students, and families by listening, communicating, and questioning that lead to the evaluation and adaptation of instructional practices and supports to address the needs of all students and families.

Requirements

Simple Requisites

Prerequisites
Type
Prerequisite

Special Education Prerequisites

Complete ALL of the following Courses:
- EDU104 - Cultural Foundatns Educ U.S.
- EDU223 - PK-12Learnrs/Exceptionalities
- MTH325 - Math Concepts for Elementary Teachers I
- EDU311 - Educational Psychology

Major Requirements
Type
Completion Requirement

Special Education Major

Complete ALL of the following Courses:
- SPE300 - IntroCurrPlanning&Instruction
- SPE301 - Special Edu Practicum Block I
- SPE314 - MethodsMaterialsLit Primary
- SPE434 - CurrAssessInstruHighDisabilty
- SPE338 - Char Learners Exceptionalitiy
- TEL212 - Theoretic Found Tchg Eng Lang Lrnrs
- SPE350 - CurricInstruct&AssistiveTech
- SPE352 - Special Edu Practicum II
- SPE438 - CurrAssess&InstructLnrLowDisa
- TEL317 - Mthds&MaterialTchgEngLangLrnr
- SPE440 - Diag&RemedRdgDifficulties
- SPE435 - LrngEnvironmt/PositvBehavior
- SPE443 - Remed/Undrstndng&ApplyMathForSPETeacher
- SPE450 - SpecEdPract:Collab&ProfPrac
- TEL439 - Assessmnt Eng Lang Learners
- SPE439 - Char&NeedsStudnts/Impairmnts
- SPE458 - Student Teaching:Special Educ

SPE.BS - Special Education BS

General

Description
The special education major leads to licensure as a Learning Behavior Specialist I and prepares candidates to teach students in kindergarten through high school with the following disabilities: autism, cognitive disability, emotional disability, multiple disabilities, orthopedic impairment, other health impairment, and specific learning disabilities. All special education candidates will earn the English as a Second Language (ESL) approval for Special Education or Bilingual Special Education Approval. 15.25 credits are required for this major.

Outcome
Apply a multiplicity of literacies required for learning new content knowledge in order to guide students in processes to navigate their communities.

Outcome
Meet the individual needs of all students through developmentally appropriate practices with high expectations.

Outcome
Utilize non-biased assessments of student learning coupled with meaningful student feedback and self-assessment.

Outcome
Identifies issues relating to inequalities in teaching and learning by analyzing school policies and practices and ways to serve as agents of change in the school and community.

Outcome
Implement and evaluate innovative, responsive, and evidence-based practices to advance content knowledge while affirming student identity.

Outcome
Utilize culturally relevant, critical, and anti-racist pedagogies demonstrating use of diverse and complex materials with opportunities for critical thinking to fully engage the curriculum.

Outcome
Apply multi-textual, multicultural, and multi-modal resources representing diverse ways of thinking within learning concepts.

Outcome
Ensure equitable student-driven engagement in learning by leveraging student diversity through culturally responsive teaching.

Outcome
Uses classroom organizational routines and norms that align with restorative justice practices and are responsive to democratic and cultural values of all students and their families.

Outcome
Create an inclusive community of learners by using systems of support, materials, resources, and authentic artifacts that are welcoming and representative of all students and their families.

Outcome
Create an inclusive community of learners by using systems of support, materials, resources, and authentic artifacts that are welcoming and representative of all students and their families.

Outcome
Candidates will collaborate with stakeholders to create equitable, supportive, and reflective learning environments.

Outcome
Candidates will use a variety of resources to develop relationships with families and community agencies to recognize, develop, and implement plans that address the impacts of prejudice, bias, discrimination, and racism on student learning.

Outcome
Explains how critical reflection is utilized before, during, and after instruction through collaboration with others, interaction with theory and research, and analysis of student data and feedback.

Outcome
Advocates for self, students, and families by listening, communicating, and questioning that lead to the evaluation and adaptation of instructional practices and supports to address the needs of all students and families.

Requirements

Simple Requisites

Prerequisites
Type
Prerequisite

Special Education Prerequisites

Complete ALL of the following Courses:
- EDU104 - Cultural Foundatns Educ U.S.
- EDU223 - PK-12Learnrs/Exceptionalities
- MTH325 - Math Concepts for Elementary Teachers I
- EDU311 - Educational Psychology

Major Requirements
Type
Completion Requirement

Special Education Major

Complete ALL of the following Courses:
- SPE300 - IntroCurrPlanning&Instruction
- SPE301 - Special Edu Practicum Block I
- SPE314 - MethodsMaterialsLit Primary
- SPE434 - CurrAssessInstruHighDisabilty
- SPE338 - Char Learners Exceptionalitiy
- TEL212 - Theoretic Found Tchg Eng Lang Lrnrs
- SPE350 - CurricInstruct&AssistiveTech
- SPE352 - Special Edu Practicum II
- SPE438 - CurrAssess&InstructLnrLowDisa
- TEL317 - Mthds&MaterialTchgEngLangLrnr

- SPE440 - Diag&RemedRdgDifficulties
- SPE435 - LrngEnvironmt/PositvBehavior
- SPE443 - Remed/Undrstndng&ApplyMathForSPETeacher
- SPE450 - SpecEdPract:Collab&ProfPrac
- TEL439 - Assessmnt Eng Lang Learners
- SPE439 - Char&NeedsStudnts/Impairmnts
- SPE458 - Student Teaching:Special Educ

Bachelor of Science Option
Type
Completion Requirement

Complete two college-level mathematics courses.
Exception: MTH 325, 326, 440, and 441 do not count towards this requirement.

SPEL.BA - Elementary Special Education BA

General

Description
The Elementary Special Education program prepares students to teach in both general and special education settings in elementary schools. This cohort program begins the fall of a student's junior year and requires 3 semesters of coursework and student teaching in the last semester. Students will be qualified to teach elementary (1st-6th grade in an elementary setting) and special education (K-22). 16.5 credits are required for this major.

Outcome
Apply a multiplicity of literacies required for learning new content knowledge in order to guide students in processes to navigate their communities.

Outcome
Meet the individual needs of all students through developmentally appropriate practices with high expectations.

Outcome
Utilize non-biased assessments of student learning coupled with meaningful student feedback and self-assessment.

Outcome
Identifies issues relating to inequalities in teaching and learning by analyzing school policies and practices and ways to serve as agents of change in the school and community.

Outcome
Implement and evaluate innovative, responsive, and evidence-based practices to advance content knowledge while affirming student identity.

Outcome
Utilize culturally relevant, critical, and anti-racist pedagogies demonstrating use of diverse and complex materials with opportunities for critical thinking to fully engage the curriculum.

Outcome
Apply multi-textual, multicultural, and multi-modal resources representing diverse ways of thinking within learning concepts.

Outcome
Ensure equitable student-driven engagement in learning by leveraging student diversity through culturally responsive teaching.

Outcome
Uses classroom organizational routines and norms that align with restorative justice practices and are responsive to democratic and cultural values of all students and their families.

Outcome
Create an inclusive community of learners by using systems of support, materials, resources, and authentic artifacts that are welcoming and representative of all students and their families.

Outcome
Candidates will collaborate with stakeholders to create learning opportunities that affirm the lived experiences, diverse histories, and languages of the learning community

Outcome
Candidates will collaborate with stakeholders to create equitable, supportive, and reflective learning environments.

Outcome
Candidates will use a variety of resources to develop relationships with families and community agencies to recognize, develop, and implement plans that address the impacts of prejudice, bias, discrimination, and racism on student learning.

Outcome
Explains how critical reflection is utilized before, during, and after instruction through collaboration with others, interaction with theory and research, and analysis of student data and feedback.

Outcome
Advocates for self, students, and families by listening, communicating, and questioning that lead to the evaluation and adaptation of instructional practices and supports to address the needs of all students and families.

Requirements

Simple Requisites

Integrated Curriculum
Type
Completion Requirement

Additional Comments:
The Integrated Curriculum

Prerequisites
Type
Prerequisite

Foundations of Education

Complete ALL of the following Courses:
- EDU104 - Cultural Foundatns Educ U.S.

Special Education

Complete ALL of the following Courses:
- EDU223 - PK-12Learnrs/Exceptionalities

Educational Psychology

Complete ALL of the following Courses:
- EDU311 - Educational Psychology

Math Requirement

Complete ANY of the following Courses:
- MTH325 - Math Concepts for Elementary Teachers I

Major Requirements
Type
Completion Requirement

Complete ALL of the following Courses:
- SPE300 - IntroCurrPlanning&Instruction
- SPE301 - Special Edu Practicum Block I
- ELM314 - MethodsMaterialsLit Primary
- SPE434 - CurrAssessInstruHighDisabilty
- SPE338 - Char Learners Exceptionalitiy
- ELM341 - PrimaryMethodsMathSciSocSci
- SPE350 - CurricInstruct&AssistiveTech
- SPE352 - Special Edu Practicum II
- ELM352 - Elem Practicum Intermed
- SPE438 - CurrAssess&InstructLnrLowDisa
- TEL317 - Mthds&MaterialTchgEngLangLrnr
- ELM372 - MethodMaterialLitIntermedMid
- ELM382 - IntermMethodsMath Sci SocSci
- SPE440 - Diag&RemedRdgDifficulties
- SPE435 - LrngEnvironmt/PositvBehavior
- SPE439 - Char&NeedsStudnts/Impairmnts
- SPE443 - Remed/Undrstndng&ApplyMathForSPETeacher
- SPE450 - SpecEdPract:Collab&ProfPrac
- SPE458 - Student Teaching:Special Educ
- ELM451 - Student Teaching Elem

SPEL.BS - Elementary Special Education BS

General

Description
The Elementary Special Education program prepares students to teach in both general and special education settings in elementary schools. This cohort program begins the fall of a student's junior year and requires 3 semesters of coursework and student teaching in the last semester. Students will be qualified to teach elementary (1st-6th grade in an elementary setting) and special education (K-22). 16.5 credits are required for this major.

Outcome
Apply a multiplicity of literacies required for learning new content knowledge in order to guide students in processes to navigate their communities.

Outcome
Meet the individual needs of all students through developmentally appropriate practices with high expectations.

Outcome
Utilize non-biased assessments of student learning coupled with meaningful student feedback and self-assessment.

Outcome
Identifies issues relating to inequalities in teaching and learning by analyzing school policies and practices and ways to serve as agents of change in the school and community.

Outcome
Implement and evaluate innovative, responsive, and evidence-based practices to advance content knowledge while affirming student identity.

Outcome
Utilize culturally relevant, critical, and anti-racist pedagogies demonstrating use of diverse and complex materials with opportunities for critical thinking to fully engage the curriculum.

Outcome
Apply multi-textual, multicultural, and multi-modal resources representing diverse ways of thinking within learning concepts.

Outcome
Ensure equitable student-driven engagement in learning by leveraging student diversity through culturally responsive teaching.

Outcome
Uses classroom organizational routines and norms that align with restorative justice practices and are responsive to democratic and cultural values of all students and their families.

Outcome
Create an inclusive community of learners by using systems of support, materials, resources, and authentic artifacts that are welcoming and representative of all students and their families.

Outcome
Candidates will collaborate with stakeholders to create learning opportunities that affirm the lived experiences, diverse histories, and languages of the learning community

Outcome
Candidates will collaborate with stakeholders to create equitable, supportive, and reflective learning environments.

Outcome
Candidates will use a variety of resources to develop relationships with families and community agencies to recognize, develop, and implement plans that address the impacts of prejudice, bias, discrimination, and racism on student learning.

Outcome
Explains how critical reflection is utilized before, during, and after instruction through collaboration with others, interaction with theory and research, and analysis of student data and feedback.

Outcome
Advocates for self, students, and families by listening, communicating, and questioning that lead to the evaluation and adaptation of instructional practices and supports to address the needs of all students and families.

Requirements

Simple Requisites

Integrated Curriculum
Type
Completion Requirement
Additional Comments:

The Integrated Curriculum

Prerequisites
Type
Prerequisite

Foundations of Education

Complete ALL of the following Courses:
- EDU104 - Cultural Foundatns Educ U.S.

Special Education

Complete ALL of the following Courses:
- EDU223 - PK-12Learnrs/Exceptionalities

Educational Psychology

Complete ALL of the following Courses:
- EDU311 - Educational Psychology

Math Requirement

Complete ANY of the following Courses:
- MTH325 - Math Concepts for Elementary Teachers I

Major Requirements
Type
Completion Requirement

Complete ALL of the following Courses:
- SPE300 - IntroCurrPlanning&Instruction
- SPE301 - Special Edu Practicum Block I
- ELM314 - MethodsMaterialsLit Primary
- SPE434 - CurrAssessInstruHighDisabilty
- SPE338 - Char Learners Exceptionalitiy
- ELM341 - PrimaryMethodsMathSciSocSci
- SPE350 - CurricInstruct&AssistiveTech
- SPE352 - Special Edu Practicum II
- ELM352 - Elem Practicum Intermed
- SPE438 - CurrAssess&InstructLnrLowDisa
- TEL317 - Mthds&MaterialTchgEngLangLrnr
- ELM372 - MethodMaterialLitIntermedMid
- ELM382 - IntermMethodsMath Sci SocSci
- SPE440 - Diag&RemedRdgDifficulties
- SPE435 - LrngEnvironmt/PositvBehavior
- SPE439 - Char&NeedsStudnts/Impairmnts
- SPE443 - Remed/Undrstndng&ApplyMathForSPETeacher
- SPE450 - SpecEdPract:Collab&ProfPrac
- SPE458 - Student Teaching:Special Educ
- ELM451 - Student Teaching Elem

Bachelor of Science
Type
Completion Requirement

Bachelor of Science

Must complete 2 college level math courses.
Exception: MTH 325, 326, 440, and 441 do not count towards this requirement.

SPN.BA - Spanish BA

General

Description
The Spanish major requires 7.50 credits (30 hours), composed of any combination of seven 300- and 400-level courses along with WL 451. However, the faculty recommends that students begin with one grammar/composition (SPN 301 or SPN 307) and one conversation (SPN 302 or SPN 308). Students should then take the culture sequence (SPN 312 and 334), and any remaining electives, chosen from a wide variety of 300 and 400 level offerings.

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

Spanish Major

The Spanish major requires 7.50 credits (30 hours), composed of any combination of seven 300- and 400-level courses along with WL 451.

The faculty recommends that students begin with one grammar/composition (SPN 301 or SPN 307) and one conversation (SPN 302 or SPN 308). Students should then take the culture sequence (SPN 312 and 334), and any remaining electives, chosen from a wide variety of 300 and 400 level offerings.

SPN.BS - Spanish BS

General

Description
The Spanish major requires 7.50 credits (30 hours), composed of any combination of seven 300- and 400-level courses along with WL 451. However, the faculty recommends that students begin with one grammar/composition (SPN 301 or SPN 307) and one conversation (SPN 302 or SPN 308). Students should then take the culture sequence (SPN 312 and 334), and any remaining electives, chosen from a wide variety of 300 and 400 level offerings.

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

Spanish Major

The Spanish major requires 7.50 credits (30 hours), composed of any combination of seven 300- and 400-level courses along with WL 451.

The faculty recommends that students begin with one grammar/composition (SPN 301 or SPN 307) and one conversation (SPN 302 or SPN 308). Students should then take the culture sequence (SPN 312 and 334), and any remaining electives, chosen from a wide variety of 300 and 400 level offerings.

Bachelor of Science Option
Type

Completion Requirement

Math Requirement

Complete two college-level mathematics courses.

SPN.MIN - Spanish Minor

General

Description
A minor in Spanish consists of four courses, three of which must be taken at the 300/400 level at Elmhurst University. A 202-level course can also count for intermediate students who wish to gain the minor, but no student is permitted to take a class below their placement level.

Requirements

SSED.BA - Social Science Education BA

General

Description
This major encompasses the coursework requirements for Illinois teacher licensure in (5-8) and (9-12) broadfield social science. Completing this major will result in a double major in Social Science Education and either History or Political Science. Students should request academic advisors in both the Education and History or Political Science departments and work with their advisors to carefully plan their course sequence.

Students must apply and be formally admitted to the Teacher Education Program to enter upper-level coursework. All courses must be completed with a grade of C- (1.7) or higher. Students must maintain major and cumulative GPAs of 2.750 or higher to remain in the program and fulfill licensure requirements. Students also must pass the one of the State mandated content area tests prior to student teaching: Test #204 Middle Grades Social Science (5-8), Test #246 History (9-12), or Test #247 Political Science (9-12). The middle grades social science and 9-12 content test are required for licensure.

Social Science Education Major At least half of the Social Science Education major courses, excluding SEC 100, 300, 450, and 457, must be completed at Elmhurst University. Students also must complete three full terms at Elmhurst prior to student teaching.

Requirements

SSED.BS - Social Science Education BS

General

Description
This major encompasses the coursework requirements for Illinois teacher licensure in (5-8) and (9-12) broadfield social science. Completing this major will result in a double major in Social Science Education and either History or Political Science. Students should request academic advisors in both the Education and History or Political Science departments and work with their advisors to carefully plan their course sequence.

Students also must pass the one of the State mandated content area tests prior to student teaching: Test #204 Middle Grades Social Science (5-8), Test #246 History (9-12), or Test #247 Political Science (9-12). The middle grades social science and 9-12 content test are required for licensure.

Outcome
1A. Implement and evaluate innovative, responsive, and evidence-based practices to advance content knowledge while affirming student identity. (IPTS 1, 2, 5)

Outcome
2A: Apply a multiplicity of literacies required for learning new content knowledge in order to guide students in processes to navigate their communities. (IPTS 2, 3, 5, 6)

Outcome
3A: Ensure equitable student-driven engagement in learning by leveraging student diversity through culturally responsive teaching. (IPTS 1, 5)

Outcome
4A: Uses classroom organizational routines and norms that align with restorative justice practices and are responsive to democratic and cultural values of all students and their families. (IPTS 4)

Outcome
5A: Candidates will collaborate with stakeholders to create learning opportunities that affirm the lived experiences, diverse histories, and languages of the learning community. (IPTS 8)

Outcome
6A: Explains how critical reflection is utilized before, during, and after instruction through collaboration with others, interaction with theory and research, and analysis of student data and feedback. (IPTS 9)

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

Social Science Education Major

Complete ALL of the following Courses:

- EDU104 - Cultural Foundatns Educ U.S.
- EDU223 - PK-12Learnrs/Exceptionalities
- EDU311 - Educational Psychology
- SEC300 - Teaching in Diverse Schools
- SEC310 - Meth&BestPrac in Mid&SecEdu
- TEL317 - Mthds&MaterialTchgEngLangLrnr
- SEC360 - MiddleSchool:HisPhilOrgStuct&BestPrac
- SEC421 - Academic Literacies for K-12
- SEC425 - Tchg Soc Studies Mid/Sec Sch
- SEC450 - Sem in Collab & Prof Prac
- SEC455 - Student Tchg in Sec/Mid Sch

Broadfield Social Science Requirements

Complete ALL of the following Courses:

- GEO111 - Regional Stdy of Modern Industrial World
- SOC100 - Introductory Sociology
- ECO211 - Principles of Macroeconomics
- HIS101 - American History Before 1865
- PSY210 - Intro to Psychological Science

Additional Comments:
At least half of the Social Science Education major courses, excluding SEC 300, 450, and 455, must be completed at Elmhurst University. Students also must complete three full terms at Elmhurst prior to student teaching.

Bachelor of Science Option
Type
Completion Requirement

Math Requirement

Complete two college-level mathematics courses.
Exception: Math 325, 326,440 and 441 do not count towards this requirement

STM.MIN - Spanish Teaching Minor

General

Description
The minor in Spanish Teaching parallels the coursework requirements set by the Illinois State Board of Education (ISBE) to obtain an endorsement in the teaching of a foreign language.
Program Information

- The minor consists of any six Spanish courses taken sequentially from the provided list. The level where the student starts the sequence depends on their linguistic proficiency, which is determined by the results of the language placement test.
- Additionally, students must take **WL 440** (Special Methods in the Teaching of Foreign Language).
- This course offers foundational knowledge in methods of instruction and delivery in the foreign language classroom.

Requirements

TAE.BA - Theatre Arts Education BA

General

Description
The Theatre Arts Education Major has as its primary purpose the preparation of students for positions in PK-12 settings as teachers of drama and theatre arts. Students prepare to become effective teachers by balancing theory and practical application. Students acquire valuable insights and skills in the development and the operation of curricular and extracurricular programs in theatre.

Students who plan to seek licensure should apply to the appropriate program in the School of Education, establishing n a relationship with both the School of Education and the Department of Theatre and Dance. Application information can be found at: https://www.elmhurst.edu/academics/departments/education/admission-requirements/

Outcome
Demonstrate a fundamental knowledge of the theatre and/or dance and their terminologies.

Outcome
Demonstrate fundamental competency in the application of skills essential for entering the work force.

Outcome
Apply the process of research and analysis necessary to the creation of theatre or dance productions.

Outcome
Demonstrate accumulated knowledge and competencies through collaborative projects in theatre and/or dance.

Outcome
1A. Implement and evaluate innovative, responsive, and evidence-based practices to advance content knowledge while affirming student identity. (IPTS 1, 2, 5)

Outcome
2A: Apply a multiplicity of literacies required for learning new content knowledge in order to guide students in processes to navigate their communities. (IPTS 2, 3, 5, 6)

Outcome
3A: Ensure equitable student-driven engagement in learning by leveraging student diversity through culturally responsive teaching. (IPTS 1, 5)

Outcome
4A: Uses classroom organizational routines and norms that align with restorative justice practices and are responsive to democratic and cultural values of all students and their families. (IPTS 4)

Outcome
5A: Candidates will collaborate with stakeholders to create learning opportunities that affirm the lived experiences, diverse histories, and languages of the learning community. (IPTS 8)

Outcome
6A: Explains how critical reflection is utilized before, during, and after instruction through collaboration with others, interaction with theory and research, and analysis of student data and feedback. (IPTS 9)

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

Theatre Core

Fulfill ALL of the following requirements:

Core Courses

Complete ALL of the following Courses:

- THE226 - Acting Technique I
- THE227 - Development of the Theatre
- THE228 - Stagecraft
- THE329 - World Theatre & Drama in Cultural Contxt
- THE350 - Play Analysis

Student Teaching satisfies the theatre capstone requirement.

AND

Theatre History

Complete at least 2 of the following courses:

- THE314 - History of Musical Theatre
- THE331 - History of Westrn Theatre I
- THE332 - History of Westrn Theatre II

AND

Theatre Elective

Complete at least 1 of the following courses:

- ENG336 - Contemporary Literature
- ENG345 - Shakespeare
- THE470 - Avant Garde Theatre
- THE471 - Holocaust Theatre

• Other Theatre literature electives as available

Theatre Arts Education Major

Fulfill ALL of the following requirements:

Theatre Arts Education

Complete ALL of the following Courses:

- THE325 - Oral Interpretation
- THE301 - Voice & Movement for the Stage
- THE340 - Creative Drama
- THE424 - Directing
- THE440 - Teaching Theatre Arts
- SEC310 - Meth&BestPrac in Mid&SecEdu
- EDU311 - Educational Psychology
- TEL317 - Mthds&MaterialTchgEngLangLrnr
- SEC421 - Academic Literacies for K-12
- EDU104 - Cultural Foundatns Educ U.S.
- SEC450 - Sem in Collab & Prof Prac
- SEC455 - Student Tchg in Sec/Mid Sch
- EDU223 - PK-12Learnrs/Exceptionalities
- SEC300 - Teaching in Diverse Schools

• ATA, ATD, ATT (private instruction in Acting, Directing, or Design and Technology; two terms at .50 credit)

Students may petition to include another full credit course from Acting or Design and Technology for this requirement.

AND

Design Elective

Complete at least 1 of the following courses:

- THE238 - Introduction to Design
- THE328 - Intermed Design for Stage
- THE338 - Costume Construction

Licensure information

Admission to the Teacher Education Program must be completed per Department of Education requirements, and students must complete additional coursework as required by the education department.

Students seeking Secondary or Middle School licensure in theatre are encouraged to consider obtaining an endorsement in another discipline such as English/ Language Arts. Similarly, students seeking certification in other areas may likewise obtain an endorsement in theatre. Contact the School of Education and the Dept. of Theatre and Dance for further details.

Licensure requirements for the Illinois State Board of Education (ISBE) include but are not limited to, content area tests and student teaching. Note that the ISBE and state laws may mandate changes in licensure requirements. See the EU Department of Education for the most current information.

TAE.MIN - Theatre Arts Education Minor

General

Description
The Theatre Arts Education Minor is designed to prepare teacher education candidates for licensure endorsement in theatre as a supplement to their primary area of teacher preparation and licensure. The minor can be combined with elementary, middle school, or secondary education licensure, or with special education licensure.

The minor prepares students by offering a diverse range of theatre performance technique, history, literature and investigations into staging and pedagogy. Flexibility within the minor also permits students to focus their preparation on specific areas of theatre study suitable for a variety of positions within curricular and extracurricular programs in middle or secondary schools.

Requirements

Simple Requisites

Minor Requirements
Type
Completion Requirement

Theatre Arts Education Minor

Fulfill ALL of the following requirements:

Required

Complete ALL of the following Courses:
- THE226 - Acting Technique I
- THE227 - Development of the Theatre
- THE228 - Stagecraft

AND

Two courses in theatre history and/or literature:

Complete at least 2 of the following courses:
- THE314 - History of Musical Theatre
- THE329 - World Theatre & Drama in Cultural Contxt
- THE331 - History of Westrn Theatre I
- THE332 - History of Westrn Theatre II
- THE350 - Play Analysis
- THE470 - Avant Garde Theatre
- THE471 - Holocaust Theatre
- ENG336 - Contemporary Literature
- ENG345 - Shakespeare

• Theatre literature elective

AND

One course (1.00 credit) in performance technique or design/tech:

Complete ANY of the following Courses:
- THE301 - Voice & Movement for the Stage
- THE325 - Oral Interpretation
- THE326 - Acting Technique II
- THE338 - Costume Construction
- THE340 - Creative Drama
- THE426 - Acting Technique III

Dance technique courses or improvisation ensemble taken for credit may be combined to satisfy this requirement.

AND

One course in theatre staging or pedagogy:

Complete ANY of the following Courses:
- THE340 - Creative Drama
- THE421 - Choreography of Dance
- THE424 - Directing
- THE440 - Teaching Theatre Arts

Two terms (credit or noncredit) practicum:

• THE 175/275/375/475 Theatre Practicum (.25 credit or noncredit)

TEL.MIN - Teaching English Learners Minor

General

Description
The minor in teaching English learners is designed for students earning an Illinois professional educator license and serving Pre–K–12 linguistically diverse student populations who are learning English. The minor encompasses the 4.50 credits (18 semester hours) of foundational and methodological coursework for Illinois licensure endorsements in English as a Second Language (ESL) and Bilingual Education. The minor requires 100 hours of documented fieldwork in linguistically diverse classrooms, which are distributed across the six courses. The upper-level coursework in the minor may only be completed by students admitted to a teacher education program. In addition to completing the minor coursework, there is a state examination requirement for earning a bilingual endorsement.
Program Information
For students admitted to a teacher education program.

The program is organized as six .75 credit (3 semester hours) courses. These courses meet for three hours a week in a 15-week term, or 42 hours during Fall Term (as approved). The capstone course is offered in two parts: a .50 credit (2 semester hours) Fall Term course and a .25 credit (1 semester hour) capstone project completed during student teaching in an ESL or Bilingual classroom. Coursework for this minor must begin in a fall term unless TEL 204 and TEL 212 are completed.

Requirements

Simple Requisites

Minor Requirements
Type
Completion Requirement

Teaching English Learners Courses

Complete ALL of the following Courses:
- TEL204 - CrssCultrl Tchg EngLangLrnrs
- TEL212 - Theoretic Found Tchg Eng Lang Lrnrs
- TEL317 - Mthds&MaterialTchgEngLangLrnr
- TEL319 - Linguistics Sec Lang Lrnrs
- TEL439 - Assessmnt Eng Lang Learners
- TEL448 - Inquiry&Appl BilngualMthds I
- TEL449 - Inquiry&ApplBilngualMthds II

Additional Comments:
Some courses require admittance to a program in the School of Education or instructor permission.

THE.BA - Theatre BA

General

Description
The major in theatre provides the student with skills and background necessary for entry-level positions in the profession, or for intensive study on the graduate level, leading to the MFA or the Ph.D. Theatre students at Elmhurst University choose from six different areas of concentration: acting; directing; theatre design and technology; stage management; theatre arts administration; and general theatre. The major in theatre requires nine core courses and an area of concentration, requiring from 5.5 to 6.5 course credits. Auditions and/or portfolio reviews are required prior to or during the first term of enrollment and/or declaration of the theatre major.

Outcome
Demonstrate a fundamental knowledge of the theatre and/or dance and their terminologies.

Outcome
Demonstrate fundamental competency in the application of skills essential for entering the work force.

Outcome
Apply the process of research and analysis necessary to the creation of theatre or dance productions.

Outcome
Demonstrate accumulated knowledge and competencies through collaborative projects in theatre and/or dance.

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

Theatre Major

Fulfill ALL of the following requirements:

Core Courses

Complete ALL of the following Courses:
- THE226 - Acting Technique I
- THE227 - Development of the Theatre
- THE228 - Stagecraft
- THE329 - World Theatre & Drama in Cultural Contxt
- THE350 - Play Analysis
- THE498 - Theatre Capstone

AND

Theatre History

Complete at least 2 of the following courses:
- THE314 - History of Musical Theatre
- THE331 - History of Westrn Theatre I
- THE332 - History of Westrn Theatre II

AND

Theatre Elective

Complete at least 1 of the following courses:
- ENG336 - Contemporary Literature
- ENG345 - Shakespeare
- THE470 - Avant Garde Theatre
- THE471 - Holocaust Theatre

• Other Theatre literature electives as available

AND

Theatre Practicum - 6 terms

As part of the theatre core, theatre majors are required to actively participate in the main stage production season at Elmhurst University. If not cast, the student must participate in some other capacity.

Enrollment in a minimum of six terms total of THE 175/275/375/475 Theatre Practicum for credit or noncredit is required regardless of date of entry into the program.

All students majoring in theatre are highly encouraged to complete professional internships and to participate actively in appropriate professional organizations.

Areas of Concentration
Type
Completion Requirement

Acting

Fulfill ALL of the following requirements:

Required

Complete ALL of the following Courses:
- THE301 - Voice & Movement for the Stage
- THE326 - Acting Technique II
- THE424 - Directing

• ATA/ATM Applied Study in Theatre in Acting/Applied Study in Theatre in Musical Theatre (.50 credit)

AND

Required

Complete at least 2 of the following courses:
- THE325 - Oral Interpretation
- THE340 - Creative Drama
- THE352 - Special Topics in Theatre
- THE426 - Acting Technique III

AND

Required

Complete at least 1 of the following courses:

• AMV or AMT Applied Voice (singing lessons) (.50 credit)

Students completing the concentration in acting must audition each term on campus.

Directing

Fulfill ALL of the following requirements:

Required

Complete ALL of the following Courses:

- THE238 - Introduction to Design
- THE424 - Directing

• ATD Applied Study in Theatre in Directing (.50 credit)

AND

Any course in Dance chosen from:

• THE 302–406 (.50 credit)

AND

Required

Complete at least 1 of the following courses:

- THE301 - Voice & Movement for the Stage
- THE326 - Acting Technique II

AND

Required

Complete at least 2 of the following courses:

- THE340 - Creative Drama
- THE352 - Special Topics in Theatre
- THE421 - Choreography of Dance
- THE426 - Acting Technique III

AND

Required

Complete at least 1 of the following courses:

• AMV or AMT Applied Voice (singing lessons) (.50 credit)

• THE 173-473 Improvisation Ensemble (two terms at .25 credit)

Students completing the concentration in directing should serve as stage manager or assistant stage manager for at least two productions. Students are requested to enroll in THE 424 in their junior year prior to proposing capstone directing projects.

Theatre Design and Technology

Fulfill ALL of the following requirements:

Required

Complete ALL of the following Courses:

- THE238 - Introduction to Design
- THE328 - Intermed Design for Stage
- THE338 - Costume Construction
- KIN204 - Emergency Procedures

• ATT/ATX Applied Study in Theatre in Design/Applied Study in Theatre in Costume (two terms at .50 credit)

AND

Required

Complete at least 1 of the following courses:

- ART115 - Drawing Studio
- ART120 - Painting Studio
- ART125 - Design Studio
- THE352 - Special Topics in Theatre

Students completing the concentration in theatre design and technology must produce actual designs for the production season in at least two of the following design areas: scenery, lighting, costume and sound.

Stage Management

Fulfill ALL of the following requirements:

Required

Complete ALL of the following Courses:

- KIN204 - Emergency Procedures
- THE238 - Introduction to Design
- THE424 - Directing

• ATS Applied Study in Theatre in Stage Management (.50 credit)

• ATT Applied Study in Theatre in Lighting (.50 credit)

AND

Required

Complete at least 2 of the following courses:

- COM312 - Small Group Communication
- COM315 - Intercultural Communication
- COM322 - Conflict Management
- COM450 - Leadership and Communication

Students completing the concentration in stage management must stage manage at least two productions and design in at least one area.

Theatre Arts Administration

Fulfill ALL of the following requirements:

Required

Complete at least 5 of the following courses:

- BUS230 - Principles of Marketing
- BUS250 - Management Theory and Practice
- BUS261 - Financial Accounting
- BUS263 - Acc & Financial Mgt for Non-Bus Majors
- BUS340 - Business Finance
- COM312 - Small Group Communication
- COM319 - Business & Professional Communication
- COM450 - Leadership and Communication

AND

Required

Complete at least 1 of the following courses:

- THE238 - Introduction to Design
- ART113 - Intro to Art Software
- ART216 - Intro to Graphic Design

- ART325 - Visual Communication

Complete one section of Applied Study in Theatre:

• ATB/ATS Applied Study in Theatre in Theatre Business Administration/ Applied Study in Theatre in Stage Management (.50 credit)

Students completing the concentration in theatre arts administration should pursue an internship with a theatre, an arts institution and/or an institution in the nonprofit sector. Students are strongly recommended to complete a complementary minor in communication, business, intercultural studies or other discipline.

General Theatre

One course chosen from the following:

• AMV or AMT Applied Voice–singing lessons (.50 credit)

• THE 302-406 (Dance Technique course) (.50 credit)

Courses comprising any six credits in theatre beyond the core

Note the following limitations: Only two courses in any area of applied study in theatre; only two sections of THE 176-476 Improvisation Ensemble.

Additional Comments:
Students must complete at least one area of concentration in addition to the core. Students can complete more than one area of concentration. An internship credit may be substituted for one or part of the credits within the concentration. Whether for credit or not, students are highly encouraged to pursue summer internships, auditions and tech opportunities.

THE.BS - Theatre BS

General

Description
The major in theatre provides the student with skills and background necessary for entry-level positions in the profession, or for intensive study on the graduate level, leading to the MFA or the Ph.D. Theatre students at Elmhurst University choose from six different areas of concentration: acting; directing; theatre design and technology; stage management; theatre arts administration; and general theatre. The major in theatre requires nine core courses and an area of concentration, requiring from 5.5 to 6.5 course credits. Auditions and/or portfolio reviews are required prior to or during the first term of enrollment and/or declaration of the theatre major.

Outcome
Demonstrate a fundamental knowledge of the theatre and/or dance and their terminologies.

Outcome
Demonstrate fundamental competency in the application of skills essential for entering the work force.

Outcome
Apply the process of research and analysis necessary to the creation of theatre or dance productions.

Outcome
Demonstrate accumulated knowledge and competencies through collaborative projects in theatre and/or dance.

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

Theatre Major

Fulfill ALL of the following requirements:

Core Courses

Complete ALL of the following Courses:

- THE226 - Acting Technique I
- THE227 - Development of the Theatre
- THE228 - Stagecraft
- THE329 - World Theatre & Drama in Cultural Contxt
- THE350 - Play Analysis
- THE498 - Theatre Capstone

AND

Theatre History

Complete at least 2 of the following courses:

- THE314 - History of Musical Theatre
- THE331 - History of Westrn Theatre I
- THE332 - History of Westrn Theatre II

AND

Theatre Elective

Complete at least 1 of the following courses:

- ENG336 - Contemporary Literature
- ENG345 - Shakespeare
- THE470 - Avant Garde Theatre
- THE471 - Holocaust Theatre

• Other Theatre literature electives as available

AND

Theatre Practicum - 6 terms

As part of the theatre core, theatre majors are required to actively participate in the main stage production season at Elmhurst University. If not cast, the student must participate in some other capacity.

Enrollment in a minimum of six terms total of THE 175/275/375/475 Theatre Practicum for credit or noncredit is required regardless of date of entry into the program.

All students majoring in theatre are highly encouraged to complete professional internships and to participate actively in appropriate professional organizations.

Areas of Concentration
Type
Completion Requirement

Acting

Fulfill ALL of the following requirements:

Required

Complete ALL of the following Courses:

- THE301 - Voice & Movement for the Stage
- THE326 - Acting Technique II
- THE424 - Directing

• ATA/ATM Applied Study in Theatre in Acting/Applied Study in Theatre in Musical Theatre (.50 credit)

AND

Required

Complete at least 2 of the following courses:

- THE325 - Oral Interpretation
- THE340 - Creative Drama
- THE352 - Special Topics in Theatre
- THE426 - Acting Technique III

AND

Required

Complete at least 1 of the following courses:

• AMV or AMT Applied Voice (singing lessons) (.50 credit)

Students completing the concentration in acting must audition each term on campus.

Directing

Fulfill ALL of the following requirements:

Required

Complete ALL of the following Courses:

- THE238 - Introduction to Design
- THE424 - Directing

• ATD Applied Study in Theatre in Directing (.50 credit)

AND

Any course in Dance chosen from:

• THE 302–406 (.50 credit)

AND

Required

Complete at least 1 of the following courses:

- THE301 - Voice & Movement for the Stage
- THE326 - Acting Technique II

AND

Required

Complete at least 2 of the following courses:

- THE340 - Creative Drama
- THE352 - Special Topics in Theatre
- THE421 - Choreography of Dance
- THE426 - Acting Technique III

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Required

Complete at least 1 of the following courses:

• AMV or AMT Applied Voice (singing lessons) (.50 credit)

• THE 173-473 Improvisation Ensemble (two terms at .25 credit)

Students completing the concentration in directing should serve as stage manager or assistant stage manager for at least two productions. Students are requested to enroll in THE 424 in their junior year prior to proposing capstone directing projects.

Theatre Design and Technology

Fulfill ALL of the following requirements:

Required

Complete ALL of the following Courses:

- THE238 - Introduction to Design
- THE328 - Intermed Design for Stage
- THE338 - Costume Construction
- KIN204 - Emergency Procedures

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Required

Complete at least 1 of the following courses:

- ART115 - Drawing Studio
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- ART125 - Design Studio
- THE352 - Special Topics in Theatre

Students completing the concentration in theatre design and technology must produce actual designs for the production season in at least two of the following design areas: scenery, lighting, costume and sound.

Stage Management

Fulfill ALL of the following requirements:

Required

Complete ALL of the following Courses:

- KIN204 - Emergency Procedures
- THE238 - Introduction to Design
- THE424 - Directing

• ATS Applied Study in Theatre in Stage Management (.50 credit)

• ATT Applied Study in Theatre in Lighting (.50 credit)

AND

Required

Complete at least 2 of the following courses:

- COM312 - Small Group Communication

- COM315 - Intercultural Communication
- COM322 - Conflict Management
- COM450 - Leadership and Communication

Students completing the concentration in stage management must stage manage at least two productions and design in at least one area.

Theatre Arts Administration

Fulfill ALL of the following requirements:

Required

Complete at least 5 of the following courses:

- BUS230 - Principles of Marketing
- BUS250 - Management Theory and Practice
- BUS261 - Financial Accounting
- BUS263 - Acc & Financial Mgt for Non-Bus Majors
- BUS340 - Business Finance
- COM312 - Small Group Communication
- COM319 - Business & Professional Communication
- COM450 - Leadership and Communication

AND

Required

Complete at least 1 of the following courses:

- THE238 - Introduction to Design
- ART113 - Intro to Art Software
- ART216 - Intro to Graphic Design
- ART325 - Visual Communication

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One course chosen from the following:

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Courses comprising any six credits in theatre beyond the core

Note the following limitations: Only two courses in any area of applied study in theatre; only two sections of THE 176-476 Improvisation Ensemble.

Additional Comments:
Students must complete at least one area of concentration in addition to the core. Students can complete more than one area of concentration. An internship credit may be substituted for one or part of the credits within the concentration. Whether for credit or not, students are highly encouraged to pursue summer internships, auditions and tech opportunities.

Bachelor of Science Option
Type
Completion Requirement

Math Requirement

Complete two college-level mathematics courses.

THE.MIN - Theatre Minor

General

Description
The Theatre Minor requires four 1.0 credit courses from the major area. In addition, the minor requires two terms of either Theatre Practicum, for credit (.25) or noncredit.

Requirements

No Requirements

TL.MTL - Graduate Certificate in Teacher Leader Endorsement

General

Description
Certificate in Teacher Leadership

Requirements

Simple Requisites

Endorsement Requirements
Type
Completion Requirement

Teacher Leader

The Teacher Leader Endorsement is earned on an Illinois Professional Educator License as one of three school leadership endorsements (teacher leader, principal and superintendent) and requires a master's degree. Teachers with a master's degree may complete the 18-semester-hour endorsement coursework. Teachers without a master's degree complete the endorsement as part of a 34-semester-hour M.Ed. All students in the program complete coursework in assessment, collaboration, school culture, professional development, leadership, advocacy and research. The 75-hour clinical requirement for the teacher leader endorsement is distributed across courses. Students may include elective coursework toward additional endorsements (special education, ESL or bilingual).

URB.BA - Urban Studies BA

General

Description
The urban studies program offers numerous options following graduation, including careers in municipal administration, environmental management, housing, law, planning, social work and transportation coordination. A degree in urban studies also provides students with opportunities for graduate study. Among the possibilities are degrees in political science, geography, law, public administration, social work, sociology, urban planning and urban studies.

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

Urban Studies Major

Fulfill ALL of the following requirements:

Required

Complete ALL of the following Courses:

- URB210 - Cities
- URB291 - Suburbia: People, Problems, & Policies

AND

Capstone

Complete ANY of the following Courses:

- URB468 - Internship
- URB421 - Practical Politics & Political Campaign
- URB492 - Independent Study
- URB495 - Honors Independent Research

Travel courses that may count towards the capstone:

• A Chicago Semester

• A Washington, D.C., Semester

• A study-abroad term with an urban studies focus

Focus Area

Focus coursework consists of a minimum of six courses as indicated below (note: only four or five focus courses are needed depending on the inclusion of Statistics and/or Research Methods).

Complete at least 1 of the following:

Public Service

Fulfill ALL of the following requirements:

Required

For work with public or nonprofit organizations, take:

Complete ALL of the following Courses:

- POL360 - Public Policy & Administration

AND

Human Needs

Complete ANY of the following Courses:

- CJ100 - Intro Criminal Justice System
- CJ319 - Juvenile Delinquency & Justice System
- CJ408 - Criminology
- EDU104 - Cultural Foundatns Educ U.S.
- POL300 - Urban Politics
- SOC301 - Social Problems
- SOC304 - Race and Ethnic Relations
- SOC310 - Class and Status
- SOC316 - Society, Health, and Illness

AND

Management

Complete ANY of the following Courses:

- BUS354 - Human Resource Management
- BUS355 - Negotiations: Theory & Practice
- BUS453 - Organization Behavior
- BUS454 - Leadership
- GEO207 - Foundations of GIS
- GEO302 - Urban Applications of GIS
- URB430 - Seminar in Urban Studies

AND

Other

Complete ANY of the following Courses:

- COM315 - Intercultural Communication
- COM317 - Persuasive Communication
- URB320 - Sustainable Urban Development

OR

Public Administration

Fulfill ALL of the following requirements:

Required

For work with political parties, politicians, government agencies or law school, take:

Complete ALL of the following Courses:

- POL202 - U.S. State & Local Government
- POL300 - Urban Politics

AND

Politics

Complete ANY of the following Courses:

- POL150 - Introduction to Politics
- POL201 - U.S. Federal Government
- POL240 - Law and Politics
- POL319 - U.S. Political Thought
- POL360 - Public Policy & Administration
- POL411 - Constitutional Law :Civil Liberties
- POL412 - Constitutional Law: Civil Rights

AND

Management

Complete ANY of the following Courses:

- BUS354 - Human Resource Management
- BUS355 - Negotiations: Theory & Practice
- BUS454 - Leadership
- GEO207 - Foundations of GIS
- GEO302 - Urban Applications of GIS
- URB430 - Seminar in Urban Studies
- BUS453 - Organization Behavior

AND

Other

Complete ANY of the following Courses:

- CJ210 - Policing and Society
- COM315 - Intercultural Communication
- COM317 - Persuasive Communication
- SOC301 - Social Problems
- URB320 - Sustainable Urban Development

OR

Urban Planning

For work in city or regional planning, take:

Fulfill ALL of the following requirements:

Required

Complete ALL of the following Courses:

- URB320 - Sustainable Urban Development

AND

Elective

Complete ANY of the following Courses:

- BUS301 - Intro Logistics&SupplyChnMgt
- GEO207 - Foundations of GIS
- GEO302 - Urban Applications of GIS
- GEO309 - Spatial Analysis
- POL300 - Urban Politics
- SOC301 - Social Problems
- SOC304 - Race and Ethnic Relations
- URB430 - Seminar in Urban Studies

Electives
Type
Completion Requirement

Recommended Cognate Courses

Complete at least 2 of the following courses:

- PSY355 - Statistics for Scientific Research
  OR MTH345 - Elementary Statistics
- SOC323 - Methods of Social Research
  OR PSY356 - Research Methods in Psychology

URB.BS - Urban Studies BS

General

Description
The urban studies program offers numerous options following graduation, including careers in municipal administration, environmental management, housing, law, planning, social work and transportation coordination. A degree in urban studies also provides students with opportunities for graduate study. Among the possibilities are degrees in political science, geography, law, public administration, social work, sociology, urban planning and urban studies.

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

Urban Studies Major

Fulfill ALL of the following requirements:

Required

Complete ALL of the following Courses:

- URB210 - Cities
- URB291 - Suburbia: People, Problems, & Policies

AND

Capstone

Complete ANY of the following Courses:

- URB468 - Internship
- URB421 - Practical Politics & Political Campaign
- URB492 - Independent Study
- URB495 - Honors Independent Research

Travel courses that may count towards the capstone:

- A Chicago Semester
- A Washington, D.C., Semester
- A study-abroad term with an urban studies focus

Focus Area

Focus coursework consists of a minimum of six courses as indicated below (note: only four or five focus courses are needed depending on the inclusion of Statistics and/or Research Methods).

Complete at least 1 of the following:

Public Service

Fulfill ALL of the following requirements:

Required

For work with public or nonprofit organizations, take:

Complete ALL of the following Courses:

- POL360 - Public Policy & Administration

AND

Human Needs

Complete ANY of the following Courses:

- CJ100 - Intro Criminal Justice System
- CJ319 - Juvenile Delinquency & Justice System
- CJ408 - Criminology
- EDU104 - Cultural Foundatns Educ U.S.
- POL300 - Urban Politics
- SOC301 - Social Problems
- SOC304 - Race and Ethnic Relations
- SOC310 - Class and Status
- SOC316 - Society, Health, and Illness

AND

Management

Complete ANY of the following Courses:

- BUS354 - Human Resource Management
- BUS355 - Negotiations: Theory & Practice
- BUS453 - Organization Behavior
- BUS454 - Leadership
- GEO207 - Foundations of GIS
- GEO302 - Urban Applications of GIS
- URB430 - Seminar in Urban Studies

AND

Other

Complete ANY of the following Courses:

- COM315 - Intercultural Communication
- COM317 - Persuasive Communication
- URB320 - Sustainable Urban Development

OR

Public Administration

Fulfill ALL of the following requirements:

Required

For work with political parties, politicians, government agencies or law school, take:

Complete ALL of the following Courses:

- POL202 - U.S. State & Local Government
- POL300 - Urban Politics

AND

Politics

Complete ANY of the following Courses:

- POL150 - Introduction to Politics
- POL201 - U.S. Federal Government
- POL240 - Law and Politics
- POL319 - U.S. Political Thought
- POL360 - Public Policy & Administration
- POL411 - Constitutional Law :Civil Liberties
- POL412 - Constitutional Law: Civil Rights

AND

Management

Complete ANY of the following Courses:

- BUS354 - Human Resource Management
- BUS355 - Negotiations: Theory & Practice
- BUS454 - Leadership
- GEO207 - Foundations of GIS
- GEO302 - Urban Applications of GIS
- URB430 - Seminar in Urban Studies
- BUS453 - Organization Behavior

AND

Other

Complete ANY of the following Courses:

- CJ210 - Policing and Society
- COM315 - Intercultural Communication
- COM317 - Persuasive Communication
- SOC301 - Social Problems
- URB320 - Sustainable Urban Development

OR

Urban Planning

For work in city or regional planning, take:

Fulfill ALL of the following requirements:

Required

Complete ALL of the following Courses:

- URB320 - Sustainable Urban Development

AND

Elective

Complete ANY of the following Courses:

- BUS301 - Intro Logistics&SupplyChnMgt
- GEO207 - Foundations of GIS
- GEO302 - Urban Applications of GIS
- GEO309 - Spatial Analysis
- POL300 - Urban Politics
- SOC301 - Social Problems
- SOC304 - Race and Ethnic Relations
- URB430 - Seminar in Urban Studies

Electives
Type
Completion Requirement

Recommended Cognate Courses

Complete at least 2 of the following courses:

- PSY355 - Statistics for Scientific Research
  OR MTH345 - Elementary Statistics
- SOC323 - Methods of Social Research
  OR PSY356 - Research Methods in Psychology

Bachelor of Science Option
Type
Completion Requirement

Math Requirement

Complete two college-level math courses.

URB.MIN - Urban Studies Minor

General

Description
An urban studies minor consists of a minimum of four courses, including two required core courses: URB 210 Cities and URB 291 Suburbia. The remaining two courses should be selected from any other urban studies courses (URB); one

of POL 202, POL 300 or POL 360; a Chicago Semester; a Washington, D.C., Semester; or a study-abroad term with an urban studies focus.

Requirements

WLC.MIN - World Languages and Cultures Minor

General

Description
A Minor in World Languages and Cultures consists of any four courses from a provided list. All courses are taught in English.

Requirements

WLE.BA - World Language Education BA

General

Description
World Language Education Major This major encompasses the coursework requirements for Illinois teacher licensure in K-12 foreign language. Completing this major will result in a double major in World Language Education (WLE) and French or Spanish. Students should request academic advisors in both the Education and World Language, Culture, and Literatures departments and work with their advisors to carefully plan their course sequence.

Outcome
1A. Implement and evaluate innovative, responsive, and evidence-based practices to advance content knowledge while affirming student identity. (IPTS 1, 2, 5)

Outcome
2A: Apply a multiplicity of literacies required for learning new content knowledge in order to guide students in processes to navigate their communities. (IPTS 2, 3, 5, 6)

Outcome
3A: Ensure equitable student-driven engagement in learning by leveraging student diversity through culturally responsive teaching. (IPTS 1, 5)

Outcome
4A: Uses classroom organizational routines and norms that align with restorative justice practices and are responsive to democratic and cultural values of all students and their families. (IPTS 4)

Outcome
5A: Candidates will collaborate with stakeholders to create learning opportunities that affirm the lived experiences, diverse histories, and languages of the learning community. (IPTS 8)

Outcome
6A: Explains how critical reflection is utilized before, during, and after instruction through collaboration with others, interaction with theory and research, and analysis of student data and feedback. (IPTS 9)

Program Information
The Teaching English Learning Minor is highly recommended for WLE majors. Students must apply and be formally admitted to the Teacher Education Program to enter upper-level coursework. All courses must be be completed with a grade of C- (1.7) or higher. Students must maintain major and cumulative GPAs of 2.75 or higher to remain in the program and fulfill licensure requirements. Students also must pass the state mandated oral proficiency test in French (#091) or Spanish (#056) as well as the French (#252) or Spanish (#260) content tests prior to student teaching.

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

World Language Education (WLE) Major

Complete ALL of the following Courses:

- EDU104 - Cultural Foundatns Educ U.S.
- EDU223 - PK-12Learnrs/Exceptionalities
- EDU311 - Educational Psychology
- SEC300 - Teaching in Diverse Schools
- SEC310 - Meth&BestPrac in Mid&SecEdu
- SEC421 - Academic Literacies for K-12
- SEC450 - Sem in Collab & Prof Prac
- SEC455 - Student Tchg in Sec/Mid Sch
- TEL317 - Mthds&MaterialTchgEngLangLrnr
- TEL319 - Linguistics Sec Lang Lrnrs
- WL440 - Spec Mthds/Tchg World Lang

At least half of the WLE major courses, excluding SEC 100, 300, 450, and 455, must be completed at Elmhurst University. Students also must complete three full terms at Elmhurst prior to student teaching.

Concentration Requirement

Teacher Candidates pursuing the WLE major and licensure must complete the Spanish or French concentration. The concentration must be 30 semester hours or more in specific Spanish or French coursework as outlined below. All concentration courses must be completed with grades of C- (1.7) or higher while maintaining a Spanish or French GPA of 3.0 or higher.

Complete at least 1 of the following:

Spanish Concentration for World Language Education

Fulfill ALL of the following requirements:

Concentration Requirements

Complete ALL of the following Courses:

- SPN301 - Spanish Grammar & Composition
- SPN307 - Spanish for Heritage Speakers I
- SPN302 - SpnConversatnGrammar Service
- SPN308 - Spanish for Heritage Speakers II
- SPN312 - Spanish Culture
- SPN334 - Latin American Culture
- WL451 - Senior Research Capstone

AND

Spanish Literature

Complete at least 1 of the following courses:

- SPN310 - Intro to Hispanic Literature
- SPN313 - Survey of Spanish Literature I
- SPN314 - Survey of Spanish Literature II

AND

Latin-American Literature

Complete at least 1 of the following courses:

- SPN335 - Survey Latin-Amer Lit I
- SPN336 - Survey Latin-American Lit II

AND

Electives

A travel course is highly recommended.

Complete ANY of the following Courses:

- SPN304 - Tchg Hispanic Children Lit
- SPN321 - Intro Span Sociolinguistics
- SPN392 - Walk El Camino de Santiago
- WL309 - World Cinema
- SPN415T - Cultural/LinguisImmersion:
- SPN315T - Cultural/LinguisImmersion:

SPN 452 Directed Reading may be substituted for one literature course requirement, not both, or used as an elective.

OR

French Concentration for World Language Education

Fulfill ALL of the following requirements:

Concentration Requirements

Complete ALL of the following Courses:

- FRN301 - French Conversation & Composition
- FRN302 - Adv French Conversation & Composition
- WL451 - Senior Research Capstone
- FRN335 - Frn/FrancophoneLit I-Pre-1800
- FRN336 - Frn/FrancphonLit II-Post1800

AND

French Culture

Complete at least 2 of the following courses:

- WL309 - World Cinema
- FRN314 - Cultural Heritage France II

AND

Electives

A travel course is highly recommended

Complete ANY of the following Courses:

- FRN310 - Jan In Morocco:Explore N African ID&Cul
- FRN305 - Business French
- FRN315 - January Paris:LivingParisianArt&Culture

FRN 452 Directed Reading may be substituted for FRN 335 or FRN 336 or used as an elective.

WLE.BS - World Language Education BS

General

Description

This major encompasses the coursework requirements for Illinois teacher licensure in K-12 foreign language. Completing this major will result in a double major in World Language Education (WLE) and French or Spanish. Students should request academic advisors in both the Education and World Language, Culture, and Literatures departments and work with their advisors to carefully plan their course sequence.

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1A. Implement and evaluate innovative, responsive, and evidence-based practices to advance content knowledge while affirming student identity. (IPTS 1, 2, 5)

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2A: Apply a multiplicity of literacies required for learning new content knowledge in order to guide students in processes to navigate their communities. (IPTS 2, 3, 5, 6)

Outcome
3A: Ensure equitable student-driven engagement in learning by leveraging student diversity through culturally responsive teaching. (IPTS 1, 5)

Outcome
4A: Uses classroom organizational routines and norms that align with restorative justice practices and are responsive to democratic and cultural values of all students and their families. (IPTS 4)

Outcome
5A: Candidates will collaborate with stakeholders to create learning opportunities that affirm the lived experiences, diverse histories, and languages of the learning community. (IPTS 8)

Outcome
6A: Explains how critical reflection is utilized before, during, and after instruction through collaboration with others, interaction with theory and research, and analysis of student data and feedback. (IPTS 9)

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The Teaching English Learning Minor is highly recommended for WLE majors. Students must apply and be formally admitted to the Teacher Education Program to enter upper-level coursework. All courses must be be completed with a grade of C- (1.7) or higher. Students must maintain major and cumulative GPAs of 2.75 or higher to remain in the program and fulfill licensure requirements. Students also must pass the state mandated oral proficiency test in French (#091) or Spanish (#056) as well as the French (#252) or Spanish (#260) content tests prior to student teaching.

Requirements

Simple Requisites

Major Requirements
Type
Completion Requirement

World Language Education (WLE) Major

Complete ALL of the following Courses:
- EDU104 - Cultural Foundatns Educ U.S.
- EDU223 - PK-12Learnrs/Exceptionalities
- EDU311 - Educational Psychology
- SEC300 - Teaching in Diverse Schools
- SEC310 - Meth&BestPrac in Mid&SecEdu
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- SEC450 - Sem in Collab & Prof Prac
- SEC455 - Student Tchg in Sec/Mid Sch
- TEL317 - Mthds&MaterialTchgEngLangLrnr
- TEL319 - Linguistics Sec Lang Lrnrs
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At least half of the WLE major courses, excluding SEC 100, 300, 450, and 455, must be completed at Elmhurst University. Students also must complete three full terms at Elmhurst prior to student teaching.

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Concentration Requirements

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- SPN307 - Spanish for Heritage Speakers I
- SPN302 - SpnConversatnGrammar Service
- SPN308 - Spanish for Heritage Speakers II
- SPN312 - Spanish Culture
- SPN334 - Latin American Culture
- WL451 - Senior Research Capstone

AND

Spanish Literature

Complete at least 1 of the following courses:
- SPN310 - Intro to Hispanic Literature
- SPN313 - Survey of Spanish Literature I
- SPN314 - Survey of Spanish Literature II

AND

Latin-American Literature

Complete at least 1 of the following courses:
- SPN336 - Survey Latin-American Lit II

AND

Electives

A travel course is highly recommended.

Complete ANY of the following Courses:
- SPN304 - Tchg Hispanic Children Lit
- **OR**
- SPN321 - Intro Span Sociolinguistics
- SPN392 - Walk El Camino de Santiago
- WL309 - World Cinema

SPN 452 Directed Reading may be substituted for one literature course requirement, not both, or used as an elective.

OR

French Concentration for World Language Education

Fulfill ALL of the following requirements:

Concentration Requirements

Complete ALL of the following Courses:
- FRN301 - French Conversation & Composition
- FRN302 - Adv French Conversation & Composition
- WL451 - Senior Research Capstone
- FRN335 - Frn/FrancophoneLit I-Pre-1800
- FRN336 - Frn/FrancphonLit II-Post1800

AND

French Culture

Complete at least 2 of the following courses:

- WL309 - World Cinema
- FRN314 - Cultural Heritage France II

AND

Electives

A travel course is highly recommended

Complete ANY of the following Courses:

- FRN310 - Jan In Morocco:Explore N African ID&Cul
- FRN305 - Business French
- FRN315 - January Paris:LivingParisianArt&Culture

FRN 452 Directed Reading may be substituted for FRN 335 or FRN 336 or used as an elective.

Bachelor of Science Option
Type
Completion Requirement

Math Requirement

Complete two college-level mathematics courses.

All Courses

AGS-500 Fund Geospatial Technologies

Course Description
Course provides review of the geospatial technologies industry and the use of Geographic Information Systems (GIS) applications and analysis. Includes core concepts such as data acquisition and management, topology, accuracy, metadata, output, quality control, analysis methods, new and traditional software options, web mapping, and GIS implementation/management for research and production. Emphasis on spatial skills. May be waived with appropriate degree, coursework, industry experience or at the discretion of the Program Director.

Credit Hours
0.75

AGS-510 Remote Sensing Technologies

Course Description
Introduction to the basic concepts of image processing and understanding. Applications focus on preprocessing of satellite and aerial images, remote sensing, and image/video enhancement. The course will provide foundations and explore passive and active collection methods (RADAR and LiDAR), digital image composites and band combinations, image display and visualization, image enhancements and rectification, image segmentation, classification, and digital stereoscopy and evaluation techniques. Required course for both graduate certificate and master's degree. Prerequisite(s): AGS 500 or equivalent.

Credit Hours
0.75

AGS-520 Geospatial Programming

Course Description
This course provides an introduction to automating data preparation, workflow, and spatial processing (via Python), basic programming, Python syntax, variables, strings, keywords, integrated development environments, exporting ModelBuilder models to scripts, programming components of flow control, built-in data structures, debugging, file i/o, user-defined functions and modules, built-in modules, introduction to object-oriented programming, using object classes. It also includes performing GIS analysis, batch processing, manipulating attribute tables, customizing ArcGIS Desktop with script tools and buttons, managing map layers, adding layers to maps with PythoN. Required course for both graduate certificate and thesis tracks. Prerequisite: AGS 510.

Credit Hours
0.75

AGS-530 Principles of Geodatabases

Course Description
This course provides information about and practice in using and creating geodatabases. Goals include demonstrating the ability to collect, record and utilize spatial data; proficiency to create and process spatial data, and an understanding of the fundaments of GIS data storage and interoperability. Activities include geodatabase modeling with universal modeling language (UML), distributed database concepts and implementation query language, web delivery, interoperability, and Open Geospatial Consortium (OGC) standards. Concepts and applications of remote sensing, GPS and affiliated data capture technologies are included. Required course for graduate certificate and master's degree. Prerequisite(s): AGS 500 or equivalent experience, AGS 510.

Credit Hours
0.75

AGS-540 Spatial Analysis&Web Mapping

Course Description
This course introduces basic concepts of spatial analysis. The course emphasizes core concepts, such as spatial data acquisition and data management, topology, metadata creation, interpretation, and quality control for data. Basic spatial analysis methodologies use new and traditional GIS software, web-mapping principles, and the implementation of GIS for the management of operations. Activities include geospatial analysis techniques to explore cost surfaces, least-cost path, emergency response applications, spatial interpolation and approximation, topographic analysis, line of sight, viewshed analysis, landform analysis and modeling of geospatial processes. Required course for graduate certificate and master's degree. Prerequisite(s): AGS 500 or equivalent experiences, AGS 510, AGS 530.

Credit Hours
0.75

AGS-550 Adv Spatial Analysis

Course Description
The second in a two-course sequence with AGS 540, this course includes a high-level review of geospatial data acquisition systems, sensors and associated processing technologies and high-level analysis of spatial visualizations. Course considers geospatial metadata generation principles, interoperability, and major tools for manipulation with geospatial data, as well as advanced spatial analysis activities. Required course for thesis track. Prerequisite(s): AGS 540.

Credit Hours
0.75

AGS-554 Geopolitics & Geospatial Intelligence

Course Description
This course covers topics relevant to geopolitics, geointelligence, and national security. It discusses the fundamental concepts of geointelligence in national security and disaster management while exploring the history of U.S. geopolitics. The course will include an examination of current trends in geointelligence, including the use of remote sensing in intelligence gathering. Students will be familiarized with the skills and core competencies that are integral to geointelligence analysts, such as Remote Sensing and Imagery Analysis, Geospatial Data Management, and Data Visualization.

Credit Hours
0.75

AGS-560 Graduate Internship

Course Description
This course experience requires the employment of the student in an internship, working for a GIS professional in the geospatial industry. The student will have a close working relationship with the employer and graduate advisor during the internship experience. Those already employed may work with employer, in an additional work-related setting and/or by completing a relevant project for employer, to learn and/or enhance GIS skills. Required course for thesis track. Prerequisite(s): AGS 550.

Credit Hours
0.75

AGS-580 E-Portfolio&Rsrch Seminar

Course Description
This course prepares students to enter the geospatial workforce. The goal of this research seminar is the creation of an e-portfolio to showcase the student's geospatial skills and professional experiences. Activities include qualitative, quantitative and observational methodologies, in addition to research techniques, spatial data acquisition, and data management. Required course for graduate certificate and master's degree. Prerequisite(s): AGS 500 or equivalent experience, AGS 510, AGS 520, AGS 540.

Credit Hours
0.75

AGS-590 Geospatial Thesis

Course Description
This course is one of two options for completing the Master of Science in GIS. Students will undertake a geospatial research thesis in consultation with a thesis advisor. After completing the thesis, the student will successfully defend it before a graduate thesis committee. Successful completion of the course included a formal binding of the thesis and submission to the A.C. Buehler Library. This course requires a minimum of 16 weeks, meeting biweekly with the instructor (considered an accelerated eight-week course in terms of tuition). Recommended for students who plan to pursue a Ph.D. Required for master's track. Prerequisite(s): AGS 500 or equivalent experience, ?AGS 510, AGS 520, AGS 530, AGS 540, AGS 550, AGS 560, AGS 580 and an approved elective course.

Credit Hours
0.75

AGS-591 Geospatial Capstone

Course Description
This course is the capstone for students with a specialization in Human Geography Advanced Placement within the graduate geospatial information systems program. Based on previous coursework in both GIS and HGAP, students will develop a teaching module that builds upon the spatial concepts and thinking learned in previous coursework to instruct participants how to incorporate data collection and analysis with GIS technology. Students will write a manuscript, detailing the teaching module, subsequently to be submitted to a peer-reviewed journal for publication. Participants will successfully defend their manuscript to a committee of human geography and geospatial educators. Required course for master's degree. Prerequisite(s): APH 500, APH 501, APH 502, APH 503, ?AGS 500, AGS 510, AGS 520, AGS 530, AGS 540 and AGS 550.

Credit Hours
0.75

AGS-592 GeospatialCapstoneProj MS-GIS

Course Description
Based on content and skills taught in previous courses of the MS-GIS Program, students will develop a geospatial capstone project in consultation with their course instructor. The topic and methodology chosen for the project must relate to the student's course work and interests. Students currently employed in a GIS position may elect to use their current position for the project. Students will present their capstone project to the graduate committee for review.

Credit Hours
0.75

AMA-011 Non-Credit Arranging & Scoring

Credit Hours
0

AMA-202 Arranging & Scoring

Course Description
Arranging and scoring for appropriate ensembles; evaluation based on weekly 30-minute lessons; and completion of at least one project of appropriate length per term. Does not fulfill departmental applied music requirement. No jury required. Prerequisites: consent of instructor and concurrent registration in or prior completion of MUS 236.

Credit Hours
0.25

AMA-302 Arranging & Scoring

Course Description
Arranging and scoring for appropriate ensembles; evaluation based on weekly 30-minute lessons; and completion of at least one project of appropriate length per term. Does not fulfill departmental applied music requirement. No jury required. Prerequisites: consent of instructor and concurrent registration in or prior completion of MUS 236.

Credit Hours
0.25

AMB-011 Non-Credit Brass

Credit Hours
0

AMB-202 Brass

Credit Hours
0.25

AMB-302 Brass

Credit Hours
0.25

AMC-011 Non-Credit Composition

Credit Hours
0

AMC-022 Non-Credit Film Scoring

Credit Hours
0

AMC-041 Non-credit Songwriting

Credit Hours
0

AMC-100 Composition Seminar

Course Description
Composition Majors and Minors are required to take AMC 100 or 300 while enrolled in applied composition lessons. Students will present their work for discussion/feedback while becoming familiar with contemporary composers and their composition techniques, forms and aesthetic issues confronted in modern music. Class meets once a week for an hour throughout the semester. (AMC 300 is for students with Junior academic standing and above.)

Credit Hours
0.25

AMC-202 Composition

Course Description
Composition in forms and styles appropriate to level; evaluation based on weekly 30-minute lessons and completion of at least one piece of appropriate length per term. Does not fulfill departmental applied music requirement. No jury required. Prerequisites: consent of instructor and concurrent registration in or prior completion of MUS 235.

Credit Hours
0.25

AMC-222 Film Scoring

Credit Hours
0.5

AMC-242 Songwriting

Credit Hours
0.25

AMC-300 Composition Seminar

Course Description
Composition Majors and Minors are required to take AMC 100 or 300 while enrolled in applied composition lessons. Students will present their work for discussion/feedback while becoming familiar with contemporary composers and their composition techniques, forms, and aesthetic issues confronted in modern music. Class meets once a week for an hour throughout the semester. (AMC 300 is for students with Junior academic standing and above.)

Credit Hours
0.25

AMC-302 Composition

Course Description
Composition in forms and styles appropriate to level; evaluation based on weekly 30-minute lessons and completion of at least one piece of appropriate length per term. Does not fulfill departmental applied music requirement. No jury required. Prerequisites: consent of instructor and concurrent registration in or prior completion of MUS 235.

Credit Hours
0.25

AMC-322 Film Scoring

Credit Hours
0.5

AMC-342 Songwriting

Credit Hours
0.25

AMD-011 Non-Credit Percussion

Credit Hours
0

AMD-202 Percussion

Credit Hours
0.25

AMD-302 Percussion

Credit Hours
0.25

AME-202 Piano Pedagogy I and II

Credit Hours
1

AME-302 Piano Pedagogy

Course Description
tudy of methods and materials for teaching intermediate and advanced piano. Development of technical and theoretical outlines for teaching, and adult methodologies.

Credit Hours
0.25

AME-351 Perform Tech & Pedagogy II

Course Description
Advanced teaching pedagogy in brass, woodwinds, guitar and percussion. Enrollment section is determined by major instrument.

Credit Hours
0.25

AMG-011 Non-Credit Guitar

Credit Hours
0

AMG-202 Guitar

Course Description
Private instruction in the traditional classic guitar style. Areas of concentration include development of a sound technique, completion of prescribed method books, and memorization and performance of selected solos.

Credit Hours
0.25

AMG-302 Guitar

Course Description
Private instruction in the traditional classic guitar style. Areas of concentration include development of a sound technique, completion of prescribed method books, and memorization and performance of selected solos.

Credit Hours
0.25

AMH-011 Non-Credit Harpsichord

Credit Hours
0

AMH-202 Harpsichord

Course Description
Harpsichord instruction is open to students who have previously achieved a measure of competence at the piano or organ.

Credit Hours
0.25

AMH-302 Harpsichord

Course Description
Harpsichord instruction is open to students who have previously achieved a measure of competence at the piano or organ.

Credit Hours
0.25

AMJ-011 Non-Credit Jazz Improvisation

Credit Hours
0

AMJ-202 Jazz Improvisation

Course Description
Private and/or class instruction in jazz improvisation. Does not fulfill applied music requirement. Prerequisite: consent of instructor.

Credit Hours
0.25

AMJ-302 Jazz Improvisation

Course Description
Private and/or class instruction in jazz improvisation. Does not fulfill applied music requirement. Prerequisite: consent of instructor.

Credit Hours
0.25

AMK-011 Non-Cred Sightsing/Aural Skill

Credit Hours
0

AMK-202 Sight Singing/Aural Skills

Course Description
Private instruction in sightsinging, sightreading, and aural skills. Prerequisite: consent of instructor.

Credit Hours
0.25

AMK-302 Sight Singing/Aural Skills

Course Description
Private instruction in sightsinging, sightreading, and aural skills. Prerequisite: consent of instructor.

Credit Hours
0.25

AML-011 Non Credit MIDI/Elect Comp

Credit Hours
0

AML-202 MIDI/Electronic Composition

Course Description
Composition in forms and styles appropriate to level. Evaluation based on weekly 30-minute lessons and completion of at least one piece of appropriate length per term. Does not fulfill departmental applied music requirement. No jury required. Prerequisites: consent of instructor and concurrent registration in or prior completion of MUS 290.

Credit Hours
0.25

AML-302 MIDI/Electronic Composition

Course Description
Composition in forms and styles appropriate to level. Evaluation based on weekly 30-minute lessons and completion of at least one piece of appropriate length per term. Does not fulfill departmental applied music requirement. No jury required. Prerequisites: consent of instructor and concurrent registration in or prior completion of MUS 290.

Credit Hours
0.25

AMM-011 Non-Credit Accompanying

Credit Hours
0

AMM-202 Accompanying

Course Description
Instruction in the art of accompaniment. Student assignments and evaluation determined by applied faculty members. Prerequisite: consent of instructor.

Credit Hours
0.25

AMM-302 Accompanying

Course Description
Instruction in the art of accompaniment. Student assignments and evaluation determined by applied faculty members. Prerequisite: consent of instructor.

Credit Hours
0.25

AMN-102 Applied Music Novice

Course Description
Applied Music Novice Non-Music Major Private instruction for students performing at a pre-college level. Recommended for beginning students only. Does not fulfill applied music requirement. Beginning piano students should enroll in MUS 221 Functional Class Piano I.

Credit Hours
0.25

AMN-202 Applied Music Novice

Course Description
Applied Music Novice Non-Music Major Private instruction for students performing at a pre-college level. Recommended for beginning students only. Does not fulfill applied music requirement. Beginning piano students should enroll in MUS 221 Functional Class Piano I.

Credit Hours
0.5

AMO-011 Non-Credit Organ

Credit Hours
0

AMO-202 Organ

Course Description
Prerequisite to organ study is a competence in the performance of polyphonic keyboard music at the piano, harpsichord, or organ.

Credit Hours
0.25

AMO-302 Organ

Course Description
Prerequisite to organ study is a competence in the performance of polyphonic keyboard music at the piano, harpsichord, or organ.

Credit Hours
0.25

AMP-011 Non-Credit Piano

Course Description
Students who choose piano as their applied of applied accompanying: AMM 201.

Credit Hours
0

AMP-202 Piano

Course Description
Students who choose piano as their applied instrument are required to take at least one term of applied accompanying: AMM 201.

Credit Hours
0.25

AMP-302 Piano

Course Description
Students who choose piano as their applied instrument are required to take at least one term of applied accompanying: AMM 201.

Credit Hours
0.25

AMQ-011 Non-Credit Jazz Combo

Credit Hours
0

AMQ-202 Jazz Combo

Credit Hours
0.25

AMQ-302 Jazz Combo

Credit Hours
0.25

AMR-011 Non-Credit Sound Recording

Credit Hours
0

AMR-202 Sound Recording

Credit Hours
0.25

AMR-302 Sound Recording

Credit Hours
0.25

AMS-011 Non-Credit Strings

Credit Hours
0

AMS-202 Strings

Credit Hours
0.25

AMS-302 Strings

Credit Hours
0.25

AMT-011 Non-Credit Musical Theatre Voice

Credit Hours
0

AMT-202 Musical Theatre Voice

Credit Hours
0.25

AMT-302 Musical Theatre Voice

Credit Hours
0.25

AMU-011 Non-Cred Appld Mus Perform

Course Description
Performance Seminar provides an opportunity for students to perform on their major instrument or voice for faculty, peers, and guests as well as study additional topics and repertoire unique to their major instrument or voice. To be taken in conjunction with applied music lessons.

Credit Hours
0

AMU-202 Applied Music Performance

Course Description
Performance Seminar provides an opportunity for students to perform on their major instrument or voice for faculty, peers, and guests as well as study additional topics and repertoire unique to their major instrument or voice. To be taken in conjunction with applied music lessons.

Credit Hours
0.25

AMU-302 Applied Music Performance

Course Description
Performance Seminar provides an opportunity for students to perform on their major instrument or voice for faculty, peers, and guests as well as study additional topics and repertoire unique to their major instrument or voice. To be taken in conjunction with applied music lessons.

Credit Hours
0.25

AMV-011 Non-Credit Voice

Credit Hours
0

AMV-202 Voice

Credit Hours
0.25

AMV-302 Voice

Credit Hours
0.25

AMW-011 Non-Credit Woodwinds

Credit Hours
0

AMW-202 Woodwinds

Credit Hours
0.25

AMW-302 Woodwinds

Credit Hours
0.25

AMX-011 Non-Credit MIDI Recording

Credit Hours
0

AMX-202 MIDI Recording

Course Description
Prerequisite: Music major or music minor.

Credit Hours
0.25

AMX-302 MIDI Recording

Credit Hours
0.25

AMY-011 Non-Credit Classical Ensemble

Credit Hours
0

AMY-202 Classical Ensemble

Course Description
Study and performance of classical repertoire. Prerequisite: consent of instructor.

Credit Hours
0.25

AMY-302 Classical Ensembles

Course Description
Study and performance of classical repertoire. Prerequisite: consent of instructor.

Credit Hours
0.25

AMZ-011 Non-Credit New Music Chamber Ensemble

Credit Hours
0

AMZ-202 New Music Collective

Credit Hours
0.25

AMZ-302 New Music Collective

Credit Hours
0.25

APH-500 Teaching AP Human Geography

Course Description
Designed as the gateway course to the graduate certificate program and introduces the discipline of human geography to those new to the teaching of AP Human Geography. This course is also beneficial as a refresher course to those who may have taught AP Human Geography in the past. Pedagogical methodologies as well as some technology are introduced to educators who are teaching AP Human Geography or will be teaching it in the future. The program content correlates directly with the AP Human Geography course description. College Board, Advanced Placement and AP are registered trademarks of the College Board, which is not involved in the developement or operation of Elmhurst University's AP Human Geography Certificate Course.

Credit Hours
0.75

APH-501 LrnTch SpatialConcpts&Tools

Course Description
Introduces spatial concepts and thinking to those new teaching of AP Human Geography and/or other disciplines. It is also beneficial as a refresher course to those who may have taught AP Human Geography in the past. Pedagogical methodologies as well as technological tools in spatial concepts are introduced to educators who are teaching AP Human Geography or will be teaching it in the future. College Board, Advanced Placement and AP are registered trademarks of the College Board, which is not involved in the development or operation of Elmhurst University's AP Human Geography Certificate Course.

Credit Hours
0.75

APH-502 ImplemntSpatlCncptsToolsClss

Course Description
Participants will use spatial concepts and thinking learned in APH 501 to further implement these principles into the classroom. Activities include hands-on geospatial technology applications (including GIS, remote sensing, and story maps) that can be used in the AP Human Geography classroom to enhance and/or supplement APHG curriculum. Prerequisite(s): APH 500, APH 501 or equivalent or permission by instructor.

Credit Hours
0.75

APH-503 TchUrban,Econ,Pop Geo Issues

Course Description
This course builds upon the spatial concepts and technologies learned in APH 501 and APH 502 to further expand upon the topics which are traditionally more challenging in the AP Human Geography curriculum (urban, economic, and population geography). Additional geospatial technological applications, analysis, and tools are introduced to enhance and/or supplement APHG curriculum for educators who are teaching APHG or will be teaching it in the future. Prerequisite(s): APH 500, APH 501,and APH 502

Credit Hours
0.75

APH-504 APHG Capstone

Course Description
Designed as the final/capstone course in the graduate certificate program, this course builds upon the spatial concepts and GIS skills learned in previous coursework to instruct participants about how to incorporate all the skills and concepts into their own lesson lansand classroom materials. Course participants will work collaboratively with a faculty advisor to write a publishable manuscript that details their lesson plan and how geospatial concepts will be incorporated into their classrooms. Expectation is for the manuscript to be completed and ready for submission to a peer-reviewed journal by the end of the eight weeks. For students working toward a master's degree in GIS with a specialization in Human Geography, this course will be replaced by AGS 591 after taking GIS courses. See the Master of Science in GIS section of this catalog. Prerequisite(s): APH 500, APH 501, APH 502, APH 503.

Credit Hours
0.75

ARB-301 Arabic Seal of Biliteracy

Credit Hours
1

ART-110 Art Appreciation

Course Description
An informed appreciation of the visual arts is developed through analysis and comparison of artworks of diverse cultures and selected historical periods. Emphasis is on expressive content, visual form and iconography, aesthetic principles, and functions of art. Does not meet requirements for art major or minor. No prerequisite.

Credit Hours
1

ART-113 Intro to Art Software

Course Description
An overview of digital media technology used in electronic publication design, digital illustration and digital imaging. Established and evolving approaches are examined with emphasis on the development of basic competencies with the Macintosh operating system. No previous experience is necessary. No prerequisite.

Credit Hours
1

ART-115 Drawing Studio

Course Description
The basic concepts of visual literacy, techniques, materials, and traditional subject matter are used to develop skills in drawing and fundamental concepts of art. Emphasis will be on composition and production of drawing projects and aesthetic and formal principles that inform them. The course is intended for students with no previous experience in drawing. No prerequisite.

Credit Hours
1

ART-120 Painting Studio

Course Description
The basic concepts of visual literacy, techniques, materials, and traditional subject matter are used to develop skills in painting and fundamental concepts of art. Emphasis will be on composition and production of painting projects and on the aesthetic and formal principles that inform them. No previous experience is necessary. No prerequisite.

Credit Hours
1

ART-125 Design Studio

Course Description
Introduction to the basic elements of visual literacy. The theory and formal concepts necessary to create visual expression are studied and applied in practical exercises, then discussed and evaluated in critiques. Exercises are explained and illustrated with selected masterworks of design. Expressive content goals are related to the perceptual effects of elements of visual form and their interaction. No previous experience is necessary. No prerequisite.

Credit Hours
1

ART-154 Media Practicum I

Course Description
.25 credit or non-credit. Practical study and application of graphic design, publication layout and page design, photo-editing, illustration, and art direction. Approximately five hours per week of involvement with the College publications such as the newspaper, The Leader or MiddleWestern Voice. Recommended for students concentrating in design, multimedia, photography, and communication. No previous experience is necessary to start. Courses must be taken in numerical order with the starting course level to be determined by the instructor. One course of upper-level credit of practica may count toward the major. Offered on a Pass/No Pass basis only.

Credit Hours
0.25

ART-155 Media Practicum I

Course Description
Quarter course or non-credit. Practical study and application of graphic design, publication layout and page design, photo-editing, illustration, and art direction. Approximately five hours per week of involvement with the college publications such as the newspaper, The Leader, or MiddleWestern Voice. Recommended for students concentrating in design, multimedia, photography, and communication. No previous experience is necessary to start. Courses must be taken in numerical order with the starting course level to be determined by the instructor. One course of upper-level credit of practica may count toward the major. Offered on a Pass/No Pass basis only.

Credit Hours
0.25

ART-215 Figure Drawing

Course Description
An intensive studio course with a focus on figure drawing. Direct observation of the model will be informed by a study of anatomy for artists (skeleton and large muscle groups) and by study of evolving meaning and conventions of Western figure traditions, from the classical to modern period. Slide presentations, readings, and museum visits will supplement studio work. A broad variety of media allows work in line, tone, and color. Materials fee may apply. Prerequisite: one drawing or painting course, or permission of the instructor. Fall Term, even-numbered years;January Term, on occasion.

Credit Hours
1

ART-216 Intro to Graphic Design

Course Description
An introduction to graphic design as a means of creative and effective problem-solving through visual communication. A range of exercises and projects gives the student experience in a variety of design applications. Materials fee may apply. Prerequisite: ART 113, ART 125. Fall Term.

Credit Hours
1

ART-221 Ceramics Studio

Course Description
Introduction to the basic processes and techniques of making functional and nonfunctional ceramic objects. These techniques include hand building, such as coil and slab and wheel throwing. Craftsmanship and critical thinking skills are stressed. Basic vocabulary, ceramic history, glazing, and firing will be covered. Materials fee may apply. No previous experience is necessary. No prerequiste.

Credit Hours
1

ART-226 Typography Studio

Course Description
Introduction to typography as a foundational element of graphic design. Topics include the history of; classifications and anatomy of; and rules, guidelines, and theories on the effective and expressive use of type. Materials fee may apply. Prerequisite: ART 113, ART 125. Spring Term

Credit Hours
1

ART-230 Printmaking Studio

Course Description
This course introduces the techniques and processes involved in traditional and contemporary printmaking. Students will learn the history of printmaking as well as its importance in today's culture, while designing and printing their own original works of art. Multiple processes will be explored, from traditional woodcuts and etchings to contemporary digital processes. No previous experience in necessary.

Credit Hours
1

ART-235 Sculpture Studio

Course Description
Introduction to the concepts of visual expression, techniques, and materials of sculpture. Emphasis is on composition, expression, and production of projects using two processes: the additive, which includes clay modeling, mold making and casting, and the subtractive process of direct carving. Materials fee may apply. No previous experience is necessary. No prerequisite.

Credit Hours
1

ART-250 Thematics and Selected Topics

Course Description
Exploration of a theme or topic not a part of regular course offerings, such as Renaissance perspective, the portrait, landscape and light, surrealism, collage, HyperCard, or emerging movements of contemporary art. Materials fee may apply. Repeatable for credit. May have prerequisites.

Credit Hours
1

ART-254 Media Practicum II

Course Description
See ART 154-155.

Credit Hours
0.25

ART-255 Media Practicum II

Course Description
Quarter course or non-credit. Practical study and application of graphic design, publication layout and page design, photo-editing, illustration, and art direction. Approximately five hours per week of involvement with the college publications such as the newspaper, The Leader or MiddleWestern Voice. Recommended for students concentrating in design, multimedia, photography, and communication. No previous experience is necessary to start. Courses must be taken in numerical order with the starting course level to be determined by the instructor. One course of upper-level credit of practica may count toward the major. Offered on a Pass/No Pass basis only.

Credit Hours
0.25

ART-296 Digital Animation Principles

Course Description
Students will be introduced to the fundamentals of animation including hand-drawn, stopmotion, 2D, and 3D tools and techniques. Students will also learn about the history of animation as well as how it was impacted by and continues to be impacted by emerging technologies. Students will discover the numerous roles that animation plays in the media world from narrative film to digital game design to motion graphics for web design and commercial productions. Prerequisite: ART 113

Credit Hours
1

ART-315 Intermediate Figure Drawing

Course Description
An intensive studio course with a focus on figure drawing. Direct observation of the model will be informed by a study of anatomy for artists and by study of the evolving meaning and conventions of Western figure traditions, from the classical to modern period. Slide presentations, readings, and museum visits will supplement studio work. A broad variety of media allows work in line, tone, and color. This course builds on ART 115 and ART 215. A high level of student commitment as well as appropriately challenging assignments distinguish the 300-level course. Materials fee may apply.Prerequisite: Art 215 or permission of the instructor. Fall Term, even-numbered years; January Term, on occasion.

Credit Hours
1

ART-316 Graphic Design I

Course Description
Further development of skills, methods and approaches for creating graphic design. Aesthetics and style are also developed through various projects such as posters, publication design, packaging, etc. The student is also introduced to graphic design as a profession. This course and Graphic Design II are non-sequential. Materials fee may apply. Prerequisite: ART 216, ART 226. Fall Term.

Credit Hours
1

ART-320 Intermediate Drawing & Painting

Course Description
Development of consistency and clarity of visual expression in drawing and painting through the analysis and practice of the composition, style, and subject matter of selected movements of modern art. Prerequisite: ART 115 and 120. Spring Term.

Credit Hours
1

ART-321 Intermediate Ceramics Studio

Course Description
Intermediate ceramics continues the survey of ceramics process and technique, with an emphasis on the 20th century developments of style, meaning and methods. The recognition and understanding of both the historical and modern cultural influences on ceramics will be covered, as well as the transformation of ceramics from functional craft to expressive sculpture, vessel and anti-vessel, representational and abstract ceramic sculpture. Students will research the development of specific art movements and styles to explore possible influences on their work. Projects involve casting, press molds, coil and slab construction, or the use of the potter's wheel. Students will be expected to work independently apart from scheduled meeting times, and also provide some supplies and tools as needed for their projects. Materials fee may apply. Prerequisite: ART 221 or permission of the instructor.

Credit Hours
1

ART-325 Visual Communication

Course Description
Study of the elements of visual language and the way in which these elements affect the way we perceive the world around us. Color, type, page composition, style, and symbolism are studied as building blocks of expression as used in visual art and the media. Prerequisite: ART 113.

Credit Hours
1

ART-326 Graphic Design II

Course Description
An introduction to and exploration of the skills and techniques used for the professional production of print media. The requirements and capabilities of offset printing and various production methods are examined in order to prepare students to work professionally. These concepts and methods are explored through various graphic design projects such as logos and branding identities, advertising design, multi-page layouts, etc. This course and Graphic Design I are non-sequential. Materials fee may apply. Prerequisite: ART 216, ART 226. Spring Term.

Credit Hours
1

ART-330 Intermediate Printmaking

Course Description
Further exploration of traditional and contemporary printmaking processes with emphasis on 20th century issues and approaches. Introduction of extended color printing and mixed media techniques. Materials fee may apply. Prerequisite: ART 230.

Credit Hours
1

ART-335 Intermediate Sculpture

Course Description
Focus is on attaining clarity of visual expression in sculpture through the analysis and study of formal elements of selected styles of modern art. Projects involve further development of modeling-casting or carving techniques, and direct construction using welding is introduced. Materials fee may apply. Prerequisite: ART 235.

Credit Hours
1

ART-341 Survey History of Western Art

Course Description
A survey history of Western art from the prehistoric era through the Renaissance. The various types and styles of art of these periods are studied and the aesthetic criteria used in judging works produced in these traditions are investigated. No prerequisite. Fall Term.

Credit Hours
1

ART-342 Survey History of Modern Art

Course Description
A survey history of Western art from the 17th century through the third quarter of the 20th century. The various styles of painting, sculpture and architecture of these periods are studied and the aesthetic criteria used in judging works produced in these traditions are investigated. No prerequisite. Spring Term.

Credit Hours
1

ART-350 Thematics and Selected Topics

Course Description
In-depth exploration of a theme or topic in art not a part of regular course offerings. Materials fee may apply. Repeatable for credit. Prerequisite: one art course in the appropriate medium.

Credit Hours
1

ART-354 Media Practicum III

Course Description
See ART 154-155.

Credit Hours
0.25

ART-355 Media Practicum III

Course Description
Quarter course or non-credit. Practical study and application of graphic design, publication layout and page design, photo-editing, illustration, and art direction. Approximately five hours per week of involvement with the college publications such as the newspaper, The Leader or MiddleWestern Voice. Recommended for students concentrating in design, multimedia, photography, and communication. No previous experience is necessary to start. Courses must be taken in numerical order with the starting course level to be determined by the instructor. One course of upper-level credit of practica may count toward the major. Offered on a Pass/No Pass basis only.

Credit Hours
0.25

ART-373 Survey of Non-European Art

Course Description
A survey of the visual arts of non-European cultures and societies in areas such as Asia, Africa, the ancient Americas and elsewhere. The art of these societies is studied as it is found in its social and cultural contexts, and the aesthetic criteria used in judging works produced in these traditions are investigated. No prerequisite. Fall Term, even-numbered years.

Credit Hours
1

ART-376 Art of India

Course Description
The Art of India approaches ancient through contemporary artistic practices of a unique culture. The creative drive to understand the world, perceptions of beauty, understandings of spirituality and the urge to incorporate art forms into everyday life are considered. Analyzing the historical influences beginning with Mohenjo-Daro and Bhimbetka, through the Mughals and the British provides a framework for identifying important influences. Current issues of international commerce, threatened indigenous expression, and urgent challenges of conservation and restoration are also included.

Credit Hours
1

ART-392 Independent Study

Course Description
.25 to 1.00 credit For advanced art majors who wish to study a special historical or theoretical topic, or wish to do creative studio work in areas not found in the department's regular course offerings. Repeatable for credit. Prerequisites: junior standing and consultation with the instructor prior to registration.

Credit Hours
0.25

ART-415 Advanced Figure Drawing

Course Description
An intensive studio. Direct observation from the the model will be informed by further study of anatomy for artists and by the study of the evolving meaning and conventions of Western figure traditions, from the Baroque to the Contemporary period. At the 400 level, students are expected to intensively study contemporary figure painters and work toward developing a portfolio of extended large drawings in a consistent personal style. Readings and museum visits are required, leading to a critical essay on a chosen contemporary figure painter. Materials fee may apply. Repeatable for credit. Prerequisite: ART 215, ART 315 or permission of the instructor. Offered intermittently.

Credit Hours
1

ART-416 Advanced Graphic Design

Course Description
Further development of student's design skills at an advanced level. Practical and experimental projects are explored for the purposes of self-promotion and creating a complete and diverse portfolio. Emphasis is placed on professional preparedness. Materials fee may apply. Repeatable for credit. Prerequisite: ART 226, ART 316. Fall Term.

Credit Hours
1

ART-420 Advanced Drawing and Painting

Course Description
Students work on individual projects, developed in consultation with the instructor, that derive from each student's aesthetic interests and goals and preferred medium, materials, and techniques. Emphasis is on the development of a personal direction and a body of work with the refinement of appropriate techniques. Repeatable for credit. Prerequisite: ART 320. Spring Term.

Credit Hours
1

ART-421 Advanced Ceramics Studio

Course Description
Students work on individual projects, developed in consultation with the instructor, that derive from student's aesthetic interest and goals, preferred materials and techniques. Emphasis is on the development of a personal direction and a body of work with the refinement of appropriate techniques. Repeatable for credit. Prerequisite: ART 321.

Credit Hours
1

ART-426 Seminar in Graphic Design

Course Description
As the final course in the graphic design sequence, this class covers issues and topics focused on giving the students understanding and experiences that will adequately prepare them to enter the profession of graphic design. This will include the design and assembly of a portfolio, design of materials for self-promotion and preparation for the process of applying and interviewing for jobs in the field of graphic design. The course will incorporate readings, class lectures and discussions, the reworking of existing projects and the creation of new projects and will evolve with the industry. Sprin Term.

Credit Hours
1

ART-430 Advanced Printmaking

Course Description
Students pursue individually chosen projects using contemporary approaches to develop a body of work. Basic mastery of the print media allows the student to attain freedom of aesthetic expression. Materials fee may apply. Repeatable for credit. Prerequisite: ART 330.

Credit Hours
1

ART-435 Advanced Sculpture

Course Description
Students work on individual projects, developed in consultation with the instructor, that derive from the student's aesthetic interests and goals and preferred materials, processes and techniques. Emphasis is on the development of a personal direction and a body of work with refinement of appropriate techniques. Repeatable for credit. Prerequisite: ART 335.

Credit Hours
1

ART-443 Issues in Contemporary Art

Course Description
Students will examine issues, themes and practices of the contemporary art period through selected reading in art criticism and art theory. Videos, class discussion and exhibit visits will be utilized. Themes of the course may include: Strategies of Scale and Display, Mixed Media, Installation, Public Art and Context, Influences of Mass Media, Photo, Text and Projection Media, the post-Colonial art world: race, gender and cultural identity; sequence, duration, and interactivity. Students will respond through essays, visual presentations and creative works. Prerequisite: Art 342 and art major, junior/senior status or by permission. Spring Term, even numbered years.

Credit Hours
1

ART-468 Internship

Course Description
Majors may obtain career experience through art-related involvement with businesses, art galleries, museums, public realtuons, publishing or media outlets. Application should be made to the faculty coordinator in the term preceding the anticipated internship. Offered on a Pass/ No Pass basis. Not repeatable for credit. Prerequisites: ART 341 or 342, junior standing, and a major within the Department of Art.

Credit Hours
0.5

ART-490 Capstone Course

Course Description
This course seeks to provide students with a model of the creative process, an understanding of how the major program is inter-related and is integrated in practice in their personal artwork. Students identify a personal style through the development of a cohesive body of work. Specific course requirements will vary depending on the studio area but, in general, the emphasis is on an individualized studio project, developed in consultation with the instructor, a written paper, and an artist's statement. The capstone course is a repeatable-for-credit studio course specially renamed with the capstone course number and designation. Many upper-level studio courses are repeatable and are so indicated in the course offerings listed previously. ART 490 meets on the same schedule as the repeatable course. It is the student's responsibility to select a repeatable course as a capstone and to identify themselves to the instructor at the beginning of the term. Students register for the capstone course with an independent study course form using the capstone course number and the repeatable course title, e.g.: ART 490 Advanced Painting. ART 490 and 491 are usually taken in the same term. Prerequisite: 400-level studio in area of concentration. Art education and art business majors are exempt from this requirement.

Note that field experiences, credit earned for experiential learning portfolio components, and ART 350, 492, or 468 may not serve as a capstone course.

Credit Hours
1

ART-491 Capstone Exhibition

Course Description
.50 credit The capstone exhibition is required for all majors. The capstone exhibition displays the body of work created in the capstone course. Students prepare the exhibit, announcements, publicity and artist's statements. The exhibitions are held at the end of the Fall and Spring terms. Methods of documentation and presentation are taught in workshop format. Professional issues and writing for the visual arts will be discussed. In addition, students are required to participate in a final faculty review. ART 490 and 491 are taken in the same term. Pre- or corequisite: ART 490.

Please note that artwork produced for credit remains the property of Elmhurst University until released by an appropriate faculty person. Neither the instructor nor the University is responsible for loss of, or damage to, any project.

Credit Hours
0.5

ART-492 Independent Study

Course Description
.25 to 1.00 credit For advanced art majors who wish to study a special historical or theoretical topic, or wish to do creative studio work in areas not found in the department's regular course offerings. Repeatable for credit. Prerequisite:junior standing and consultation with the instructor prior to registration. Admission to ArT 292 is by permission of the department chair only.

Credit Hours
0.25

ART-495 Honors Independent Research

Course Description
.50 credit This course gives Honors Program students the opportunity to design and implement a significant research project in the field of art culminating in an appropriate public dissemination of research methods and findings. This research must build upon previous coursework taken within the major or minor, facilitating faculty supervision and guidance. Repeatable for credit. Permission of the faculty supervisor and the director of the Honors Program required prior to registration.

Credit Hours
0.5

AST-212 Introduction to Astronomy

Course Description
A general introductory laboratory science course for non-science and science majors. An understanding, appreciation, and working knowledge of astronomy and its technological, environmental, and social impact in the past, present, and future. Understanding of the scientific method is developed through laboratory and field investigations with some evening observing time required.

Credit Hours
1

ATA-011 AppStdyThtre:Acting Noncredit

Credit Hours
0

ATA-101 Applied StudyTheatre: Acting

Credit Hours
0.5

ATA-102 AppStdyThtre: Acting

Credit Hours
0.5

ATA-201 AppStdyThtre: Acting

Credit Hours
0.5

ATA-202 AppStdyThtre: Acting

Credit Hours
0.5

ATA-301 AppStdyThtre: Acting

Credit Hours
0.5

ATA-302 AppStdyThtre: Acting

Credit Hours
0.5

ATA-401 AppStdyThtre: Acting

Credit Hours
0.5

ATA-402 AppStdyThtre: Acting

Credit Hours
0.5

ATB-011 AppStdyThtre:ThtreBus/Admin Non Credit

Credit Hours
0

ATB-101 AppStdyThtre: ThtreBus/Admin

Credit Hours
0.5

ATB-102 AppStdyThtre: ThtreBus/Admin

Credit Hours
0.5

ATB-201 AppStdyThtre: ThtreBus/Admin

Credit Hours
0.5

ATB-202 AppStdyThtre: ThtreBus/Admin

Credit Hours
0.5

ATB-301 AppStdyThtre: ThtreBus/Admin

Credit Hours
0.5

ATB-302 AppStdyThtre: ThtreBus/Admin

Credit Hours
0.5

ATB-401 AppStdyThtre: ThtreBus/Admin

Credit Hours
0.5

ATB-402 AppStdyThtre: ThtreBus/Admin

Credit Hours
0.5

ATD-011 AppStdyThtre: Directing

Credit Hours
0

ATD-101 AppStdyThtre: Directing

Credit Hours
0.5

ATD-102 AppStdyThtre: Directing

Credit Hours
0.5

ATD-201 AppStdyThtre: Directing

Credit Hours
0.5

ATD-202 AppStdyThtre: Directing

Credit Hours
0.5

ATD-301 AppStdyThtre: Directing

Credit Hours
0.5

ATD-302 AppStdyThtre: Directing

Credit Hours
0.5

ATD-401 AppStdyThtre: Directing

Credit Hours
0.5

ATD-402 AppStdyThtre: Directing

Credit Hours
0.5

ATM-011 AppStdyThtre:MusicalTheatre

Credit Hours
0

ATM-101 AppStdyThtre:MusicalTheatre

Credit Hours
0.5

ATM-102 AppStdyThtre:MusicalTheatre

Credit Hours
0.5

ATM-201 AppStdyThtre:MusicalTheatre

Credit Hours
0.5

ATM-202 AppStdyThtre:MusicalTheatre

Credit Hours
0.5

ATM-301 AppStdyThtre:MusicalTheatre

Credit Hours
0.5

ATM-302 AppStdyThtre:MusicalTheatre

Credit Hours
0.5

ATM-401 AppStdyThtre:MusicalTheatre

Credit Hours
0.5

ATM-402 AppStdyThtre:MusicalTheatre

Credit Hours
0.5

ATP-011 AppStdyThtre: Playwriting

Credit Hours
0

ATP-101 AppStdyThtre: Playwriting

Credit Hours
0.5

ATP-102 AppStdyThtre: Playwriting

Credit Hours
0.5

ATP-201 AppStdyThtre: Playwriting

Credit Hours
0.5

ATP-202 AppStdyThtre: Playwriting

Credit Hours
0.5

ATP-301 AppStdyThtre: Playwriting

Credit Hours
0.5

ATP-302 AppStdyThtre: Playwriting

Credit Hours
0.5

ATP-401 AppStdyThtre: Playwriting

Credit Hours
0.5

ATP-402 AppStdyThtre: Playwriting

Credit Hours
0.5

ATS-011 AppStdyThtre:StageManagement

Credit Hours
0

ATS-101 AppStdyThtre:StageManagement

Credit Hours
0.5

ATS-102 AppStdyThtre:StageManagement

Credit Hours
0.5

ATS-201 AppStdyThtre:StageManagement

Credit Hours
0.5

ATS-202 AppStdyThtre:StageManagement

Credit Hours
0.5

ATS-301 AppStdyThtre:StageManagement

Credit Hours
0.5

ATS-302 AppStdyThtre:StageManagement

Credit Hours
0.5

ATS-401 AppStdyThtre:StageManagement

Credit Hours
0.5

ATS-402 AppStdyThtre:StageManagement

Credit Hours
0.5

ATT-011 AppStdyThtre:Design & Tech

Credit Hours
0

ATT-101 AppStdyThtre:Design & Tech

Credit Hours
0.5

ATT-102 AppStdyThtre:Design & Tech

Credit Hours
0.5

ATT-201 AppStdyThtre:Design & Tech

Credit Hours
0.5

ATT-202 AppStdyThtre:Design & Tech

Credit Hours
0.5

ATT-301 AppStdyThtre:Design & Tech

Credit Hours
0.5

ATT-302 AppStdyThtre:Design & Tech

Credit Hours
0.5

ATT-401 AppStdyThtre:Design & Tech

Credit Hours
0.5

ATT-402 AppStdyThtre:Design & Tech

Credit Hours
0.5

ATX-011 AppStdyThtre: Costuming

Credit Hours
0

ATX-101 AppStdyThtre: Costuming

Credit Hours
0.5

ATX-102 AppStdyThtre: Costuming

Credit Hours
0.5

ATX-201 AppStdyThtre: Costuming

Credit Hours
0.5

ATX-202 AppStdyThtre: Costuming

Credit Hours
0.5

ATX-301 AppStdyThtre: Costuming

Credit Hours
0.5

ATX-302 AppStdyThtre: Costuming

Credit Hours
0.5

ATX-401 AppStdyThtre: Costuming

Credit Hours
0.5

ATX-402 AppStdyThtre: Costuming

Credit Hours
0.5

BID-205 ENG/POL UndrstndgPolThruLit

Course Description
This course will examine different political and economic systems, social and cultural institutions, their impact on citizens, and the role citizens play in policy decisions through civic engagement. Understanding literature as both a reflection and shaper of culture, this the course will employ literary texts as a critical lens to examine the above topics as well as the intricacies of the political process and the impact of political discourse on local, national and world affairs. Simultaneously, students will explore the complexities of the literary texts themselves to understand the power of narrative within the human experience.

Credit Hours
1

BID-300 PHL/PSY Neuroethics

Course Description
This course is a bidisciplinary survey of central philosophical and psychological concerns in the new field of neuroethics. Personal, ethical, legal and social implications of contemporary neuroscience are explored. Two categories of ethical work are addressed in this course. The "neuroscience of ethics" addresses the neuroscientific understanding of brain processes that may underlie moral judgments and behavior. The "ethics of neuroscience" addresses the potential impacts of advances in neuroscience may have on social, moral, and philosophical ideas and institutions as well as the ethical principles that should guide brain research, treatment of brain disorders, and cognitive enhancement. Special emphasis will be placed on the ways in which neuroscience might impact our sense of self and personal responsibility, and our understanding of the structure of moral judgments. Students will learn the basics of neuroanatomy and neuroscientific methodologies as well as philosophical and psychological discourse concerned with issues of free will, autonomy, responsibility, privacy, and identity.

Credit Hours
1

BID-301 COM/PHL Film Philosophy

Course Description
This class will analyze the interrelationships between philosophical ideas and film. Students will study both the way that philosophical ideas are expressed by film as well as the way that film poses novel philosophical questions of its own. Students in this course will study historical and contemporary philosophical concepts and problems and will analyze how filmmakers around the world portray and examine these concepts and problems in their practice and work. In addition, students will engage with philosophical analysis and reflection on the distinctive medium of film. Topics that will be explored may include but are not limited to: the problem of evil, the nature of the self, violence and forgiveness, justice, the value of happiness, truth and illusion, social responsibility, and the nature of the soul and spirituality. Throughout the course, students will be challenged to think about how their own considered philosophical beliefs can help inform their storytelling or other creative work.

Credit Hours
1

BID-312 Eng/Mus Theater & Mus Scene in Chicago

Course Description
Development of understanding of the techniques and elements of theater and music and their application to live performances in the Chicago area. Includes an analysis of print dramatic literary texts and performance and engagement with musical compositions. Lectures, writing assignments, in-class exercises and concert and play attendance provide a basis for the appreciation of theater and music as forms of artistic expression.

Credit Hours
1

BID-322 EDU/PHL Philosophy of Human Abilities

Course Description
An examination of human ability and the social, cultural, philosophical, and political influences on interactions with those having differing abilities. What is normal? What is a disability? What is it like to have a disability? How does our conception of human nature influence how we see and treat those with disabilities? How are disabilities right movements attempting to alter our perception of disabilities? Why are looks so important to us and how do they influence our judgments? How do we perceive the bodies and faces of others? This course will address these questions and others by bringing philosophical inquiry and analysis to issues surrounding those with disabilities.

Credit Hours
1

BID-330 Phl/Pol Federal Politics & Media Ethics

Course Description
This course is offered in conjunction with The Washington Center. Students will examine issues and implications of the next administration, more specifically, factors that shape the relationship between the President and his/her administration, the executive branch and Congress, and that set priorities and influence policymaking. Students will investigate the ethical relationship between the media and federal politics, the question of the ethical responsibilities of a free press, the the changing role of the individual voter in a media-saturated culture, and the challenges (foreign and domestic) facing newly elected federal officials. Students will visit several sites around Washington D.C. including embassies, think tanks, media organizations, the Newseum, and Capitol Hill. These field trips, as well as lectures and discussions led by politicians, journalists, and professors from around the country, allows for an in-depth look at the relationship between ethics, politics, and the media. Permission of the instructors required.

Credit Hours
1

BID-332 ENG/WL Martinique:Cultures of Slavery

Course Description
A faculty led travel course. As a multicultural Francophone experience, the focus of the course is the cultural history of Martinican society, from its origins as a French slave colony to its current socio-economic and identity struggles within the French nation. Through experiential learning, students will explore such topics as the use of Creole and French in Martinique, colonial history, the intersection between the Caribbean sugar industry and the Atlantic slave trade, folklore, music and popular traditions, environmental issues and the socioeconomic and cultural relationship between Martinique and Metropolitan France. Taught in English. January Term only.

Credit Hours
1

BID-350 Mozart, Beethoven & Beyond

Course Description
This course will cover musical and cultural history from the Protestant Reformation to the Baroque, Classical, and Romantic Periods of former Prussia, Saxony and the Austrian Empire. The course will also examine developments leading up to World War 2, and students will become familiar with prominent musicians and cultural figures as well as the changing socio-political climate of Central Europe during this period.

Credit Hours
1

BID-350T Mozart Beethoven and Beyond

Course Description
This course will cover musical and cultural history from the Protestant Reformation to the Baroque, Classical, and Romantic Periods of former Prussia, Saxony and the Austrian Empire. The course will also examine developments leading up to World War 2, and students will become familiar with prominent musicians and cultural figures as well as the changing socio-political climate of Central Europe during this period.

Credit Hours
1

BID-355 POL/REL:NativAmer:PubPol/Rel

Course Description
The course will focus on diverse Native American traditions, U.S. law/policy affecting First Amendment "freedom of religion" rights for Native Americans, and related perspectives on justice and ethics. The purpose of the course is to introduce students to a shared worldview of traditional Native Americans, specific, distinctive religious practices of several tribes/nations, especially in relation to the concept of sacred land, and how the U.S. government has responded to their freedom to practice. The course examines court cases to determine the scope of freedom and justice for Native Americans.

Credit Hours
1

BID-357 ENG/POL Feminist Poetry

Course Description
Feminist poetry challenges, via its content and literary forms, hegemonic powe and oppression. In its content, feminist poetry interrogates our gendered social and political order from the perspective of those on the margins. The subject matter expresses the value of women's experiences, reinscribes their political, social and personal identities, and represents the collective voice of contestation and opposition against patriarchal oppression. In its form, feminist poetry affirms the ability of women poets to create within the boundaries of classical forms and also as initiators of new and innovative poetic forms. This course will examine the content and form of a variety of feminist poems from the perspective of language and a literary technique, as well as feminist theories. The course will be structured to prompt the exploration of concepts central to feminism and politics. These will include such concepts as woman, patriarchy, sex, maternity, lesbianism, private and public, equality and power. Particular poems will be used to introduce and further the discussion of each concept. Class activities will center on an exploration of the the concept at hand as well as an analysis of the poem or poems.

Credit Hours
1

BID-385 BUS/COMCapitlThruDocumntFilm

Course Description
This bidisciplinary course examines social, political, environmental, and economic issues represented in documentary film. With a focus on social justice, this course will introduce students to various thoughts on corporate social responsibility and conscious capitalism from theorists and practitioners working within the business/management and organizational communication disciplines. Specifically, a variety of ethical decision-making models regarding organizations, individual morals, and societal values will be explored. Students will also learn various theories and methods of media analysis. These models and theories will form the basis for viewing, analyzing, and discussing both the quality of films and the issues presented by films' directors. In addition to becoming thoughtful citizens, leaders, or managers, students enrolled in this course will become critical consumers of visual media.

Credit Hours
1

BIO-100 Principles of Biology

Course Description
Life, its origin, chemistry, energy transformations, reproduction, genetics, evolution and ecology. Design and execution of experiments using the scientific method. Not applicable for biology major or minor. Includes laboratory.

Credit Hours
1

BIO-104 Human Biology

Course Description
Anatomy, physiology, development, genetics, evolution and ecology of humans, including current topics. Not applicable for biology major or minor. Includes laboratory.

Credit Hours
1

BIO-105 Environmental Biology

Course Description
Biological relationships between living and non-living components of the natural world, and the significance to humans as members of natural ecosystems. Biological and environmental consequences of technological, political, legal, and ethical issues will be discussed. Not applicable for a biology major or minor. Includes laboratory.

Credit Hours
1

BIO-107 Human Anatomy&Physiology I

Course Description
Structure and function of the human body and of underlying biological principles. Designed for students in nursing, physical education and health sciences. Not applicable for biology major or minor. Includes laboratory with virtual dissection table.

Credit Hours
1

BIO-107L HumanAnatomy&Physiolgy I-Lab

Credit Hours
0

BIO-108 Human Anatomy & Physiology II

Course Description
Continuation of BIO 107. BIO 107 is not a prerequisite for this course. Not applicable for biology major or minor. Includes laboratory with virtual dissection table.

Credit Hours
1

BIO-108L Human Anat&Phys II LAB

Credit Hours
0

BIO-200 General Biology I

Course Description
Introduction to biological concepts, including origins of life, biochemical principles, energetics, cellular organization, mechanisms of heredity and evolution. Students will explore unifying concepts in biological science while developing key investigative skills necessary for scientific exploration and hypothesis testing. Includes laboratory.

Credit Hours
1

BIO-200L General Biology I LAB

Credit Hours
0

BIO-201 General Biology II

Course Description
Introduction to biological concepts, including classification and levels of organization, organismal biology including surveys of plant biology and zoology, ecology and conservation biology. Students will explore unifying concepts in biological science, while developing key investigative skills necessary for scientific exploration and hypothesis testing. Includes laboratory.

Credit Hours
1

BIO-201L General Biology II LAB

Credit Hours
0

BIO-202 Intro Biological Research

Course Description
.25 credit Introduces the methods and elements of biological research to students who transfer BIO 200 credit from another institution. Instructs students in the process of writing a scientific paper including instruction into the library resources available to biology majors as well as how to access them to produce a scientific research paper. Prerequisite: BIO 200 transfer credit.

Credit Hours
0.25

BIO-221 Microbiology for Health Professionals

Course Description
Bacteria, viruses, fungi, algae, protozoa, and multicellular parasites in relation to health and disease, plus immunological concepts and environmental microbiology. Not applicable to biology major or minor. Includes laboratory. Prerequisites: BIO 107, BIO 108, CHM 101 or CHM 211, CHM 103.

Credit Hours
1

BIO-315 Genetics

Course Description
Introduction to the basic principles of genetics and modern molecular techniques used to study organisms at the cellular, organismal and population level. Topics include Mendelian and non-Mendelian inheritance, gene mapping in eukaryotes and prokaryotes, DNA structure and function, gene regulation, genetic variation from recombination and mutation, genomics and population genetics. Prerequisites: BIO 200, BIO 201.

Credit Hours
1

BIO-315L Genetics Lab

Credit Hours
0

BIO-321 General Microbiology

Course Description
Morphology, physiology, taxonomy, genetics, and culture of prokaryotes. Emphasizes microbial metabolism plus pathogenic, food, industrial and environmental microbiology. Includes laboratory. Prerequisites: BIO 200, BIO 201, BIO 315, CHM 211, CHM 212, CHM 311.

Credit Hours
1

BIO-330 Comparative Chordate Anatomy

Course Description
Integrated comparative examination of the evolution of organ systems of animals in the Phylum Chordata. Detailed dissection of shark, mud puppy, cat and other chordates. Includes laboratory. Prerequisites: BIO 200, BIO 201.

Credit Hours
1

BIO-331 Developmental Biology

Course Description
Genetics, cell biology and anatomy of development from gamete production to organ formation in model organisms. Regeneration, metamorphosis and stem cell biology will also be explored. Includes laboratory. Prerequisites: BIO 200, BIO 201, BIO 315.

Credit Hours
1

BIO-332 Plant Anatomy and Morphology

Course Description
Anatomy and functions of cells and tissues that make up the vascular plant body. Physiology, ecology, and evolution of major plant divisions will be considered. Includes laboratory. Prerequisites: BIO 200, BIO 201.

Credit Hours
1

BIO-333 Paleontology

Course Description
This course will introduce students to the principles of paleontology and the application of those priciples to interpreting fossils. The course will follow a fossil through its life cycle, beginning with topics such as the process of fossilization and taphonomy. This class will examine the types of qualitative and quantitative data that can be gathered from a fossil and how such data can be used to reconstruct the anatomy, physiology, and ecology of organisms. Other topics include allometry, functional morphology, and geometric morphometrics. The laboratory will introduce a variety of paleontological techniques which students will apply to plant, invertebrate, and vertebrate fossils. Prerequisites: BIO 200, BIO 201, BIO 315.

Credit Hours
1

BIO-334 Invertebrate Zoology

Course Description
Study of the evolutionary relationships and functional morphology of single-celled eukaryotes and non-vertebrate animals. Aspects of physiology, anatomy, development and ecology will be considered. Laboratory includes dissection and observation of representative forms. Includes laboratory. Prerequisites: BIO 200, BIO 201.

Credit Hours
1

BIO-335 General Botany

Course Description
General Botany is a comprehensive exploration of plant biology, covering topics such as plant classification, anatomy, physiology, and ecology. Students will learn about the evolutionary relationships among plant groups, the anatomical structure of plants, the physiological processes governing plant growth and development, and the interactions between plants and their environment that elucidates the vital role of plants in ecosystems and to critically analyze contemporary issues related to botany, conservation, and sustainable agriculture. Includes laboratory. Prerequisites: BIO200 and BIO201. BIO315 recommended.

Credit Hours
1

BIO-341 Immunology

Course Description
Study of the structure and function of the human immune system. Detailed discussion of the innate and adaptive immune systems as well as the cells and molecules which make up the immune system, specifically B & T cells, and problems that occur when the immune system malfunctions. Includes laboratory. Prerequisites: BIO 200, BIO 201, BIO 315.

Credit Hours
1

BIO-342 Molecular&CellularBioCancer

Course Description
Study of the molecular and cellular basis of cancer. This course focuses on cancer cell structure and function, including cancer genes, cell signaling, tumorigenesis, tumor progression, treatment and related topics. Includes laboratory. Prerequisites: BIO 200, BIO 201, BIO 315.

Credit Hours
1

BIO-350 General Ecology

Course Description
Exploration of the interactions and relationships of animals and plants to the living (biotic) and nonliving (abiotic) components of their environment. Emphasis on ecosystem, community and population ecology, and their relationship to evolutionary biology. Includes laboratory. Prerequisite: BIO 200, BIO 201.

Credit Hours
1

BIO-351 Conservation Biology

Course Description
Conservation biology is the scientific study of the phenomena that affect the maintenance, loss and restoration of biological diversity while including aspects of ecology, environmental science, ethics, economics and politics. Emphasizes the impacts of human activity on various ecosystems with strategies for preserving and restoring global ecosystems. Laboratory included. Prerequisites: BIO 200, BIO 201, and BIO 315.

Credit Hours
1

BIO-352 Special Topics

Course Description
.25 to 1.00 credit See BIO 452.

Credit Hours
1

BIO-355 Evolution of Vertebrates

Course Description
Evolution and diversification of the vertebrates examined through multiple perspectives including paleontology and modern zoology. Exploration of the cycle of speciation and extinction and major trends in vertebrate evolution, such as the transition of life onto the land. Field trips and species identification. Includes laboratory. Prerequisites: BIO 200, BIO 201, BIO 315.

Credit Hours
1

BIO-356 Evolution & Population Genetics

Course Description
The theory of evolution by natural selection with an emphasis on the genetics of populations, including adaptation, speciation, and systematics. Includes laboratory. Prerequisites: BIO 200, BIO 201, BIO 315.

Credit Hours
1

BIO-410 Bioinformatics

Course Description
An introduction to the principles behind and practice of bioinformatics: the science of interpreting and analyzing biological information. This course covers concepts behind genomic, transcriptomic, and proteomics analysis, as well as data processing and visualization. This course also provides an introduction to the R programming language and the unix shell as well as a variety of commonly-used bioinformatics software packages. Includes laboratory. Prerequisites: BIO 200, BIO 201, BIO 315.

Credit Hours
1

BIO-413 Molecular Genetics

Course Description
Study of the structure and function of biological macromolecules, especially DNA and RNA, and manipulation of these macromolecules through modern molecular genetic techniques. Students will acquire hands-on experience in molecular genetic techniques by manipulating DNA extracted and/or amplified from prokaryotic and eukaryotic organisms. Includes laboratory. Prerequisites: BIO 200, BIO 201, BIO 315.

Credit Hours
1

BIO-430 Principles of Anatomy

Course Description
A detailed study of the microscopic and gross structure of the human body. Includes the study of cell and tissue structure, and a detailed study of gross body structure. Laboratories include a study of human cadavers, microscope slides, and model human structures. Includes laboratory. Prerequisites: BIO 200, BIO 201, BIO 315.

Credit Hours
1

BIO-441 Plant Physiology

Course Description
Vascular plants from seed to death. Includes water relations, photosynthesis, respiration, growth, photoperiodic responses, nutrition, and flowering. Includes laboratory. Prerequisites: BIO 200, BIO 201, BIO 315.

Credit Hours
1

BIO-442 Principles of Physiology

Course Description
Addresses the principles that underlie function in humans and other animals. The course includes basic biological, chemical, and physical processes in animal tissues, detailed consideration of organ systems, and an integrative approach to understanding how animals meet the demands placed upon them. Includes laboratory. Prerequisites: BIO 200, BIO 201, BIO 315.

Credit Hours
1

BIO-443 Advanced Cell Physiology

Course Description
Study of the structure, organization, and function of cells individually and in their environment. Includes studies of membrane function, transport, communication, motility, and related topics. Includes laboratory. Prerequisites: BIO 200, BIO 201, BIO 315.

Credit Hours
1

BIO-444 Neurobiology

Course Description
This course provides a comprehensive examination of the basic principles of neuroscience. Topics include the structure of neurons and glia, neurogenesis, electrical and chemical signaling properties of neurons and their underlying cellular and molecular mechanisms, and the functional organization of select neural systems. Includes laboratory.Prerequisites: BIO 200, BIO 201, and BIO 315.

Credit Hours
1

BIO-445 Stem Cell Biology

Course Description
This course provides a comprehensive examination of the basic principles of stem cell biology. Topics include introduction to stem cell biology, an in depth look at specific populations of stem cells (hematopoeitic, neural, etc.), stem cell research, and applications in medicine. Includes laboratory. Prerequisites: BIO 200, BIO 201, and BIO 315.

Credit Hours
1

BIO-450 Environmental Physiology

Course Description
This course examines both the short-term and long-term behavioral and physiological adjustments that allow organisms to survive and reproduce in the face of changing biotic and abiotic environments. Emphasis will be placed on physiological responses to oxygen availablity, temperature, water and solutes, competition, nutrient availablity, disease, pH, and exposure to toxins. Includes laboratory. Prerequisites: BIO 200, BIO 201, and BIO 315.

Credit Hours
1

BIO-451 Microbial Ecology

Course Description
Applied and environmental microbiology examining the role of microorganisms in biogeochemical cycling in nature, mechanisms of nutrient turnover, and evaluation of remediation possibilities. Emphasis on the inter-relatedness of ecology and microbiology and the essentiality of microorganisms in shaping global ecosystems. Field trips and sample collection. Includes laboratory. Prerequisites: CHM 211, CHM 212, CHM 311, BIO 200, BIO 201, BIO 315;BIO 321 strongly recommended.

Credit Hours
1

BIO-452 Special Topics

Course Description
.50 to 1.00 credit Variable experiences in biology including international courses and study under outside organizations, e.g. ACCA, Field Museum of Natural History, Shedd Aquarium, Morton Arboretum, Chicago Academy of Science, or individually designed programs. Elmhurst Univeristy students may take a

maximum of one off-campus to fulfill an upperlevel biology elective; however, these courses will not fulfill a category requirement. Grading optional. Includes laboratory or fieldwork. Prerequisite: biology major or departmental consent.

Credit Hours

1

BIO-453 Systematics & Phylogenetics

Course Description

Systematics is the study of the origins of biological diversity by reconstructing the relationships and patterns of evolutionary events that lead to the current distribution and diversity of life. This course will introduce the philosophical underpinnings and practical methods for phylogenetic inference. Both morphological and molecular based techniques will be addressed through the application of several phylogenetic tree-building programs using data sets of differing types. Prerequisites: BIO 200, BIO 201, BIO 315

Credit Hours

1

BIO-454 Aquatic Biology

Course Description

An exploration of life in water comparing and contrasting marine and freshwater systems. This course will focus on the integration of scientific disciplines (chemical, physical, biological) and across levels of biological organization, from genes to organisms to ecosystems. Emphasis on the organismal adaptations, ecological interactions, and community structures that have evolved in response to living in the aquatic realm. Prerequisites: BIO 220,BIO 201,BIO 315

Credit Hours

1

BIO-455 Winter Biology

Course Description

Winter Biology will explore the how major concepts in biology (information flow, structure function, evolution, energy and matter, and systems) apply to the strategies plants and animals use to cope with the challenges of winter. This course will explore these concepts on the cellular, organismal, and ecosystem levels of biology organization. Students will learn how to carry out an independent research project relating to winter biology concepts and write a scientific manuscript from their findings. Includes laboratory. Prerequisites: BIO200, BIO201, and BIO315.

Credit Hours

1

BIO-468 Biology Internship

Course Description

.25 to .50 credit Provides selected biology students with an opportunity to obtain career experience through involvement with biology related businesses, health care organizations, government agencies or institutions. Approved internships may meet the biology capstone requirement upon completion. Applications should be made early in the term preceding registration and are reviewed on the basis of grade-point average, faculty recommendations, professional progress, and demonstrated interest. Offered on a Pass/No Pass basis. Not repeatable for credit. Does not fulfill a requirement for an upper-level elective biology course for the major. Prerequisites: biology major, BIO 200, BIO 201, junior or senior standing and GPA of 2.5 or higher.

Credit Hours

0.25

BIO-492 Independent Research

Course Description

.50 credit Student-originated, faculty-guided investigations for majors or minors in biology. This research will build upon previous course work taken within the major or minor, and a final research paper is required. Course fulfills the prerequisite for BIO 498, Capstone Seminar. Repeatable for credit. Prerequisites: junior or senior standing and consent of the faculty member.

Credit Hours

0.5

BIO-493 Research Experiential Learning

Course Description

Provides an opportunity for students wishing to earn their experiential learning credit through an independent research project involving off-campus constituencies. Must be taken concurrently with BIO 492 or BIO 495.

Credit Hours

0.25

BIO-495 Honors Independent Research

Course Description

.50 credit This course gives Honors Program students the opportunity to design and implement a significant research project in the field of biology, culminating in an appropriate public dissemination of the research methods and findings. This research must build upon previous course work taken within the major or minor, facilitating faculty supervision and guidance. This course fulfills the prerequisite for BIO 498, Capstone Seminar. Repeatable for credit. Permission of the faculty supervisor and the Director of the Honors Program required prior to registration.

Credit Hours

0.5

BIO-496 Research for Biology Major Credit

Course Description

.00 credit Provides an opportunity for students to earn an upper-level biology elective credit through an independent research project. Students must complete a faculty-approved annotated bibliography, a department-approved grant proposal, and write a final scientific paper in order to earn credit. Prerequisites: Completion of at least 1 semester of BIO 492 or BIO 495 and faculty approval of a written research proposal. Course must be taken concurrently with BIO 492 or BIO 495; instructor permission required.

Credit Hours

0

BIO-498 Capstone Seminar

Course Description
.50 credit A course required of all majors in the Department of Biology. In addition to journal article discussions, students will summarize and share their research experiences in a professional presentation suitable for scientific meetings or conferences. The presentation will provide evidence of what the student has learned by having been a biology major in terms of knowledge, skills, and insights. To be taken in the first or second term of the senior year.
Pre-requisites: Senior standing and successful completion of all three biology category courses (C, O, and P) or one term of BIO 492/495 or be in third year of the HST major.

Credit Hours
0.5

BUS-230 Principles of Marketing

Course Description
A study of the functional aspects of marketing, the operations of our marketing systems and methods by which marketing decisions are made. Emphasis on strategy development through the application of sound marketing principles.

Credit Hours
1

BUS-250 Management Theory and Practice

Course Description
This course combines a survey of the foundations of management theory and practice with a strong experiential component and an emphasis on skills development. Students will work on both written and oral expression and creative thinking as well as team skills and team development issues. The class is highly interactive. Subjects include planning, motivation, leadership, communication, decision making and problem solving, ethics, groups and teams, organizational change and politics.

Credit Hours
1

BUS-261 Financial Accounting

Course Description
Principles of accounting theory and practice involving the study of the accounting cycle, and preparation and analysis of financial statements focusing on corporations. Prerequisite: competency by placement test at the MTH 111 level.

Credit Hours
1

BUS-262 Management Accounting

Course Description
A study of the use of accounting as a basis for management decisions. Topics include product and service costing, cost behavior, cost allocation, budgeting, variance analysis, performance evaluation, responsibility accounting, differential analysis and investment analysis. Prerequisites: MTH 126 or MTH 151 -and- BUS 261 or consent of instructor.

Credit Hours
1

BUS-263 Acc & Financial Mgt for Non-Bus Majors

Course Description
A study of the basic concepts of accounting and financial management and their applications to business processes, business analysis and business decisions foucusing on sole proprietorships. This course is not open to majors in business. It is open to students who plan to minor in business administration.

Credit Hours
1

BUS-271 Intro to Global Business

Course Description
This course is designed to provide a basic understanding of the various facets of international business. Starting with basic trade theories, it covers the mechanics of the foreign exchange market, international finance and accounting, marketing, cultural differences, and management strategy under the international environment, organizational structure and practices of the multinational company and international institutional arrangements. The course is taught using state-of-the-art techniques with discussions on current economic and business problems.

Credit Hours
1

BUS-300T Global Business In:

Course Description
A study-away course in Global Business offers students an invaluable opportunity to immerse themselves in the international business landscape, yielding numerous benefits in today's global economy. It brings and improves cultural sensitivity and awareness crucial for effective global partnerships, and provides practical experience in different business areas, regulations, and strategies. Through site visits and guest lectures, students build international networks, improve language and overall communication skills, and gain a front-row seat to observe global markets, learning about international trade, finance, human resources, marketing, and management.

Credit Hours
1

BUS-301 Intro Logistics&SupplyChnMgt

Course Description
This course introduces the planning and execution of all activities involved in the upstream and downstream aspects of a firm's supply chain. Upstream activities include, but are not limited to, sourcing and procurement, capacity planning, production operations, and related logistics activities. Downstream activities include, but are not limited to, distribution, transportation, product delivery and customer service, and demand forecasting. The emphasis is on collaboration and coordination with all players in a firm's supply chain. Special emphasis is placed on the functional areas of logistics such as customer service, transportation, inventory control, warehousing and packaging.

Credit Hours
1

BUS-302 Supply Chain Mgt I:Purchasing, Inventor

Course Description
This course provides a survey of the principal processes in upstream operations of an organization and their interfaces to each other and to other processes. In the area of purchasing, the course covers the fundamentals of sourcing, procurement and inbound logistics, including warehousing and transportation and supplier management. Key elements of this course include inventory management, production planning, scheduling of operations, material handling, quality assurance, safety and related topics. Prerequisite(s): BUS 301.

Credit Hours
1

BUS-303 Supply Chain Mgt II:Manufacturng, Distr

Course Description
This course provides planning and analysis of the principal processes in the downstream operations of an organization and their interfaces to each other and to other business processes. This course focuses on sales and operations planning processes, including demand forecasting methods and how these drive production planning and procurement, manufacturing operational decisions including outsourcing, warehousing and distribution of products including logistics and transportation, product delivery and customer service and reverse logistics. Prerequisite(s): BUS 301.

Credit Hours
1

BUS-310 BusinessAnalysisUse MS Excel

Course Description
In today's business environment, it has become increasingly important for individuals to develop the ability to use Microsoft Excel to perform complex analysis for decision-making purposes. This course is designed to help students develop a number of Excel-based skills to perform a variety of business-realted analysis. This is a hands-on, problem-based course where students will learn a variety of Excel tools by working on a number of case studies.

Credit Hours
1

BUS-320 Survey of Business Analytics

Course Description
In this course, students will learn the key analytical skills and tools used by businesses on an every day basis. This includes how to clean, analyze, visualize data, as well as learning tools such as Microsoft Excel, SQL, R, and PowerBI. As part of this course, students will also earn a Google Data Analytics Professional Certificate.

Credit Hours
1

BUS-321 UnZipCreativity:CreativeProblemSolveMet

Course Description
.25 credit Our UNZIP YOUR CREATIVITY SEMINAR SERIES introduces the nature and role of creativity in organizations. Most organizations today face increasing competitive pressure in areas such as attracting and retaining top talent, new product development, quality, and customer service. Across industries and borders, organizations are searching for ways to reinvent themselves by examining the ways in which they function, solve problems, and search for new opportunities. Traditional approaches to managing organizations are becoming less effective as firms realize they must find creative ways of responding to the marketplace. Creativity is not just about inventing new ideas (or new products or markets) but about coming up with new combinations of traditional and novel ideas, services, methods, technologies or company structures. The "idea age" is the central focus of this series. ** BUS 321 focuses on introducing Design Thinking by fostering individual creative problem solving and group ideation mastery. This seminar applies the foundational Osborne-Parnes Creative Problem Solving model, ideation techniques and the daily language of innovation.

Credit Hours
0.25

BUS-322 Unzip Creativity:Lead Creativity in Org

Course Description
.25 credit Our UNZIP YOUR CREATIVITY SEMINAR SERIES introduces the nature and role of creativity in organizations. Most organizations today face increasing competitive pressure in areas such as attracting and retaining top talent, new product development, quality, and customer service. Across industries and borders, organizations are searching for ways to reinvent themselves by examining the ways in which they function, solve problems, and search for new opportunities. Traditional approaches to managing organizations are becoming less effective as firms realize they must find creative ways of responding to the marketplace. Creativity is not just about inventing new ideas (or new products or markets) but about coming up with new combinations of traditional and novel ideas, services, methods, technologies or company structures. The "idea age" is the central focus of this series. ** BUS322 focuses on introducing Creative Leadership and fostering organizational creativity and Innovation vs Creativity and their synergistic relationship. In this course, students analyze creative culture determinants, practice pattern-breaking thinking tools such as Six Hats, Metaphorical Mind-mapping and Assumption Reversal as well as formulate and present creative solutions for organizations of all types through the case study method.

Credit Hours
0.25

BUS-323 LeadingChangeComplxWrld:PlanChangeModel

Course Description
.25 credit The LEADING CHANGE IN A COMPLEX WORLD Seminar Series introduces students to planned change from external and internal consultant perspectives, as well as managers and other change agents within organizations. Change Management fosters improved competency in the skills necessary during all phases of the change process - from diagnosis, to interventions, through evaluation. Organizational change issues are critically examined, and case studies,exercises, and assessments are utilized, to better understand change

from organizational, group, and individual levels of organizational development. Students practice proven change management strategic planning used by global Fortune 100 companies *** This specific LEADING CHANGE IN A COMPLEX WORLD: PLANNED CHANGE MODELS seminar course focuses on competency development in 1)Identifying Core Values forValues Based Change,2) Understanding Change Interventions happen at the Individual, Group and Team or Organizational Levels 3) Constructing a Planned Change using the General Change Course Proposal Model with the four stages of Entering & Contracting, Diagnosing, Planning & Implementing Change and Evaluating & Institutionalizing Change. 4) Applying Planned Change Models (such as Action Research, Appreciate Inquiry, Lewin's Change, Positive Change) as frameworks that emphasize the importance of interactive consultative processes. A change project and plan is required of all students.

Credit Hours

0.25

BUS-324 LeadChangeComplxWrld:StrategicTransform

Course Description

.25 credit The LEADING CHANGE IN A COMPLEX WORLD Seminar Series introduces students to planned change from external and internal consultant perspectives, as well as managers and other change agents within organizations. Change Management fosters improved competency in the skills necessary during all phases of the change process - from diagnosis, to interventions, through evaluation. Organizational change issues are critically examined, and case studies, exercises, and assessments are utilized, to better understand change from organizational, group, and individual levels of organizational development. Students practice proven change management strategic planning used by global Fortune 100 companies *** This specific LEADING CHANGE IN A COMPLEX WORLD: STRATEGIC TRANSFORMATION PROCESS seminar course focuses on competency development in 1) transformative change at the individual and organizational level. 2) critical thinking regarding do's and don'ts of leading through adverse conditions 3) develop adaptable and innovative strategic change programs in response to trends and external forces and 4) explore individual self-management tactics as presented by thought leaders empirical research. A transformative change project and plan is required of all students applying their learning totheir real worlds.

Credit Hours

0.25

BUS-325 Microsoft Excel With Power Query

Course Description

The majority of time spent in the data analysis process is cleaning and organizing raw data. Power Query is a useful tool used by professionals in the world of data analytics to streamline the cleaning process. In this class, students will learn the ins and outs of Power Query and how to use it to prepare data for analysis.

Credit Hours

0.5

BUS-326 Introduction to SQL

Course Description

Structured Query Language (SQL) is a programming language used by anyone working with data to store, update, remove, search, and retrieve information from databases. It is an important language for anyone in a business organization working with data to know. In this course, students will learn SQL and get hands on practice (using BigQuery) as to how it is used by businesses to organize, manage, and prepare large amounts of data for analysis.

Credit Hours

0.5

BUS-327 Data Visualization with Power BI

Course Description

Data visualizations are important tools in the data analysis process in that they help display trends and relationships in clean and simple forms. Power BI is an important tool that turns data into static and interactive data visualizations. In this course, students will learn how to use Power BI to develop professional and high-quality data visualizations that can be used for analysis and decision making.

Credit Hours

0.5

BUS-328 Introduction to Analytics with R

Course Description

R is a statistical program and programming language used for data analysis and data science. In this class, students will learn the basics of R (and the R Studio interface) and how it is used to help firms make data-driven decisions. Students will also learn how to use R and R Studio to organize, clean, and summarize the data, create visualizations, and perform hypothesis tests.

Credit Hours

0.5

BUS-330 Consumer Behavior

Course Description

The analysis and interpretation of consumer buying behavior, stressing the contributions of psychology, economics and sociocultural influences. Students will examine contemporary models of consumer behavior, emphasizing the relationship of behavioral science theory to marketing management decision making. Prerequisite: BUS 230.

Credit Hours

1

BUS-333 Marketing Research

Course Description

A study of research methods and the collection and use of internal and external information for analysis and decision making in marketing problems. Prerequisites: BUS 230 and MTH 345.

Credit Hours

1

BUS-337 Social Media Strategy

Course Description

.50 credit Social media is everywhere. Increasingly, it is where people live out their lives - making connections, staying informed, finding jobs, and even falling in love. People spend on average 50 minutes a day on just Facebook - almost as

much time as they spend eating and drinking. If people have changed the way they live and buy things, it follows that marketing and sales must update as well to match this new lifestyle. This course presents an in-depth overview of creating an effective social media strategy, focusing on four primary areas: Research, Planning and Strategy, Implementation and Measurement. Likes and views don't magically turn into revenue. Businesses must harness social media to attract, convert, close and delight customers and turn them into promoters. They must overcome common pitfalls, challenges and dead ends that companies face when formulating a social media strategy. Whether you end up using social media professionally or personally, there is tremendous value in understanding why businesses are on social and how they use it to generate revenue. Additionally, ALL course content lessons will assist in managing a student's personal Social Media Brand. Finally, students earn a HubSpot Social Media Strategy Certification and work with a client in the classroom utilizing the most contemporary resources to gain practical experience. Prerequisite: BUS 230 and junior or senior standing.

Credit Hours

0.5

BUS-338 Digital Inbound Marketing Strategy

Course Description

.50 credit Digital marketing is an umbrella term for the targeted, measurable and interactive marketing of products or services using digital technologies to reach and convert leads into customers and retain them. The key objective of Digital Marketing is to promote brands, build preference, engage with customers and increase sales through various digital marketing techniques. This course examines digital marketing strategy, content development, as well as implementation and executional considerations for inbound marketing for Business to Business (B2B) and Business to Consumer (B2C) brands. It provides an understanding of key digital marketing strategy with focus on content development and inbound marketing fundamentals. In this class, you will receive a HubSport Inbound Marketing Certification for your resume. You will apply the learning in a real client project. Several up-to-the-moment resources will be available to you as well. For best learning results, apply each module to your own personal brand.Prerequisite: BUS 230 and junior or senior standing.

Credit Hours

0.5

BUS-340 Business Finance

Course Description

Principles underlying the financial management of a business enterprise. Among the topics discussed are financial analysis and planning, working capital management and basic capital budgeting. Prerequisite(s): BUS 261, MTH 126 or MTH 151, MTH 345, ECO 210, and ECO 211. Corequisite(s): BUS 262

Credit Hours

1

BUS-350 Cultural Diversity in Org

Course Description

This course examines the nature and role of culture and diversity in the workplace, ways to manage diversity in the workplace, the implications of diversity for business operations, and understanding of differences in light of the globalization of the world's economy. Prerequisite: Junior standing or consent of the instructor.

Credit Hours

1

BUS-352 Entrepreneurship

Course Description

This class offers students a broad overview of of entrepreneurship from a historical and current perspective. Students will learn about important tools and develop skills necessary to create and grow a new business. Students will create a new venture business plan, consider ways to finance the new venture, and establish a plan for growth. Upon completion of the course students will have gained general knowledge of new business development. Prerequisite: BUS 230 and BUS 250.

Credit Hours

1

BUS-354 Human Resource Management

Course Description

Examines human resource policies including staffing, training, job analysis and evaluation, compensation, employee development, union relations, and government requirements. Prerequisite: BUS 250.

Credit Hours

1

BUS-355 Negotiations: Theory & Practice

Course Description

This course examines the structure, process and nature of negotiations through experiential methods to (1) develop an understanding of negotiation models, strategies, conflict resolution, communications styles, situational analysis and elements of power and influence; and (2) develop negotiation skills. Prerequisite: junior or senior standing or consent of instructor.

Credit Hours

1

BUS-356 Operations Management

Course Description

Operations management covers the broad range of activities performed in the production of a good or service. It covers scheduling, forecasting, inventory control, purchasing, quality control, work measurement, methods improvement, layout, material handling, safety, facilities planning, operations strategy, and project management. The course examines the management of the functional area in the organization that either produces a product or provides a service. Since most employees of an organization are in the operations area, the course includes discussion of ways to develop and coach employees to achieve their best results. Prerequisite: BUS 250 or consent of instructor.

Credit Hours

1

BUS-360 Cost Accounting

Course Description
This course addresses the financial, non-financial and ethical dimensions of managerial decision making. Topics include cost behavior, cost-volume-profit analysis, cost systems, budgeting and control and activity-based costing. Emphasis is on the interpretation and use of accounting information rather than its creation and accumulation. Prerequisites: BUS 261, BUS 262, ECO 210, ECO 211, MTH 345, and MTH 126 or MTH 151.

Credit Hours
1

BUS-361 Intermediate Accounting I

Course Description
Review of accounting cycyle and financial statements. Theory and analysis of valuation applied to assets and current liabilities and to the related revenue and expenses for income determination. Prerequisite: BUS 261 and 262.

Credit Hours
1

BUS-362 Intermediate Accounting II

Course Description
Theory and analysis of valuation applied to non-current liabilities and equity accounts and to the related revenue and expenses for income determination. Study of income tax allocation, leases, pensions, earnings per share, accounting changes and cash flow statement. Prerequisite: BUS 361.

Credit Hours
1

BUS-365 Business Law

Course Description
Legal problems confronting people in their relationships with the business world. Subjects include contracts, agency, employment, negotiable instruments, real and personal property, bailments, and sales.

Credit Hours
1

BUS-366 Accounting Information Systems

Course Description
The use of information technology will be studied as an enabler of organization activities and objectives, rather than as the major focus of study. Topics covered include the role and purpose of accounting information systems in an organization; the evolution of accounting information system architecture; business processes, organization risk and controls; and specific business processes including the sales/collection process, the acquisition/payment process, the payroll process and the financing process. Prerequisite(s): BUS 261 and BUS 262.

Credit Hours
1

BUS-371 Intro to Global Business

Course Description
This course is designed to provide a basic understanding of the various facets of international business. Starting with basic trade theories, it covers the mechanics of the foreign exchange market, international finance and accounting, marketing, cultural differences and management strategy in the international environment, organizational structure and practices of the multinational company and International institutional arrangements. The course is taught from a state-of-the-art perspective with discussions on current economic and business problems. Prerequisite(s): No prerequisite.

Credit Hours
1

BUS-372 Personal Financial Mgmt II

Course Description
.25 credit This seminar offers information on tax preparation, benefits, life insurance and investments. Open to all students.

Credit Hours
0.25

BUS-373 Personal Financial Mgt I

Course Description
.25 credit This seminar offers information on how to budget, plan and repay financial aid and how to manage your credit. Open to all students.

Credit Hours
0.25

BUS-375 Capstone: Global Business

Course Description
This course focuses on aspects of marketing in the world of international business. Different market and distribution systems in various countries are explored as well as the social and economic factors in international markets. Students will analyze the organization of trade channels in various cultures, typical government policies toward international trade in countries at different stages of development, and international marketing research and advertising. Prerequisites: BUS 230, 250, 271.

Credit Hours
1

BUS-376 International Finance

Course Description
With the rapid globalization of the world economy, management decisions are greatly influenced by variables such as exchange rate policies, trade policies, international accounting standards, etc. The goal of this course is to help students understand how the managers of a firm function in this increasingly uncertain environment. This course will focus on four main areas of international finance and accounting: 1) exchange rate risk management, 2) international finance decisions, 3) international accounting standards, and 4) accounting for international transactions. Prerequisite(s): ECO 210, ECO 211. Corequisite(s): BUS 340.

Credit Hours
1

BUS-380 Principles of Accounting

Course Description
.75 credit A study of the accounting cycle, the accounting process and accounting statement preparation and analysis. Prerequisite(s): No prerequisite.

Credit Hours
0.75

BUS-381 Excel-BasdDecisnMakgTools I

Course Description
.75 credit An introduction to the basic concepts of probability and statistics for the student in business management. Topics include descriptive statistics, probability distributions and random variables, hypothesis testing, forecasting and linear regression. Prerequisite(s): No prerequisite.

Credit Hours
0.75

BUS-383 Accounting for Management

Course Description
.75 credit A study of the use of accounting data by managers with an emphasis on the use of accounting data as a basis for intelligent business decisions in planning and control. Prerequisite(s): No prerequisite.

Credit Hours
0.75

BUS-386 Management

Course Description
.75 credit An introduction to the theory of management and the structure of the organization. Topics include the integrative functions of management, objective setting, decision making, the behavior of the individual within the organization, and the role of human resources management in carrying out the mission of the organization. Prerequisite(s): No prerequisite.

Credit Hours
0.75

BUS-389 Marketing Management

Course Description
.75 credit A study of the theory, concepts and practices of marketing, emphasizing decision making as it relates to the formulation and implementation of effective marketing strategy. Prerequisite(s): No prerequisite.

Credit Hours
0.75

BUS-402 Global Bus Process Mgt

Course Description
This course provides approaches to modifying, restructuring or re-engineering existing business processes and developing new processes to improve business performance. Key topics include: process mapping, process measurement, creating and managing global process redesign teams, evaluating and managing business process outsourcing, project management and reporting to executive management for decision-making. Hands-on experience with software and other tools will be an integral part of the course. Prerequisite(s): BUS 250 and BUS 271.

Credit Hours
1

BUS-431 Business to Business Professional Sell

Credit Hours
1

BUS-432 Science Of Retailing & E-Commerce

Course Description
A study of types of retail institutions, organizations, store location, buying and merchandising techniques, advertising and sales promotion, and inventory control. Prerequisite: BUS 230.

Credit Hours
1

BUS-434 Advertisng&integrated Marketing Campaign

Course Description
Social, economic, and research aspects of advertising are applied. Emphasis on brand positioning as a communications tool with practical applications of theory to specific problems. Strategy and tactics of management decision making regarding advertising, with a focus on the mass selling techniques relative to campaign development, including evaluation of effectiveness. Prerequisite: BUS 230.

Credit Hours
1

BUS-439 Capstone:IntegratedMarketingMgt

Course Description
A capstone course stressing the application of decision-making approaches in marketing management. Cases are used in studying problems encountered in planning, executing and controlling marketing strategy. Topics include analysis of buyer behavior, advertising and sales promotion, pricing, channel selection and product policies. Prerequisites: major in marketing and senior standing.

Credit Hours
1

BUS-440 Personal Investment Management

Course Description
This course is designed to help students gain a better understanding of the basic theories, instruments, environments, and practical techniques associated with personal investment. Upon completion of this course, students will be better prepared to make sound personal investment decisions. Prerequisite: Junior or senior standing. Open to all majors.

Credit Hours
1

BUS-441 Corporate Finance

Course Description
This course is designed to examine the ways financial managers make their decisions at the corporate level. The course will focus on studying the decision-making process regarding cost of capital, capital budgeting, cash flow analysis, capital structure, and other financial decisions. Prerequisite: BUS 340.

Credit Hours
1

BUS-442 Investment Theory/Portfolio Mngmnt

Course Description
This course is designed to study a number of theories that form the foundation of sound investment decisions. The course will focus on the portfolio theory, various asset pricing models (such as CAPM and APT) and the efficient market hypothesis. In addition, the course will look at several issues related to portfolio management, such as bond portfolio management strategies, equity portfolio management strategies and the evaluation of portfolio performance. Pre- or corequisite: BUS 340; recommended BUS 440.

Credit Hours
1

BUS-444 Financial Institutions

Course Description
A study of management of financial institutions, their regulations, investment practices, and risk levels. Primary focus is on depository financial institutions. Prerequisite: BUS 340.

Credit Hours
1

BUS-453 Organization Behavior

Course Description
Course explores human behavior in organizations, using a "micro"-level focus to investigate issues affecting individual behavior, interpersonal relations, groups and organizations. Students work in a variety of small groups and participate in experiential learning. Prerequisite: BUS 250.

Credit Hours
1

BUS-454 Leadership

Course Description
An examination of various leadership, managerial, and administrative concepts and philosophies. The course places emphasis on the development of attitudes and values appropriate to professional management. The course uses an action learning approach to integrate the various theories and concepts presented. Prerequisites: BUS 250, or consent of instructor.

Credit Hours
1

BUS-456 Strategic Mgt in the Global Environment

Course Description
This capstone course focuses on the management of organizations in today's global environment. Emphasis is placed on the understanding of business strategy and how it is formulated, implemented and analyzed. Group decision making, case analysis and simulation are integral to the learning process. The class culminates with group presentations on the strategy developed and executed as part of the strategy game. Prerequisite(s): all business core course or Consent of the department chair.

Credit Hours
1

BUS-462 Income Taxation I

Course Description
A study of the legal and accounting aspects of the federal tax on incomes. Emphasis is on specific problems through actual preparation of individual, partnership, and corporate returns using current tax forms. Prerequisite: BUS 362 or consent of instructor.

Credit Hours
1

BUS-466 Auditing

Course Description
Auditing theory and procedures for use both in private and public accounting. Emphasis on internal control, generally accepted auditing standards, ethics of professional accounting, practical working techniques, and reports. Prerequisite: BUS 362.

Credit Hours
1

BUS-468 Internship

Course Description
.50, 1.00 or 1.5 credit Provides selected business students with controlled, on-the-job experience with businesses, government agencies or institutions. May be taken during the regular term with part-time employment of 7 to 13 hours weekly for .50 credit, 14 to 17 hours weekly for 1.00 credit, 18 to 20 hours weekly for 1.50 credit, or during Summer Term with 36 to 40 hours per week. Applications should be made early in the term preceding registration and are reviewed on the basis of academic grade-point average, faculty recommendations, professional progress and demonstrated interest. Junior or

senior standing with a cumulative grade-point average of 2.5. Pass/No Pass grading. May be repeated for credit. Prerequisite: approval of the Department of Business and Economics Internship Coordinator.

Credit Hours
0.5

BUS-469 School of Business Mentoring

Course Description
.25 credit Provides career exposure for junior and senior business majors. Students meet in small groups with a professional in a business field of interest and complete tasks to learn more about a potential career and the qualities leading to success. Tasks include resume preparation, job shadowing, networking and interviewing. Students must apply before the mid-September deadline. Course begins in the Fall Term and P/NP credit is earned in the Spring Term.

Credit Hours
0.25

BUS-470 Seminar in Special Topics

Course Description
An opportunity for faculty and students to study topics of current and unique importance that are not contained in the general curriculum. Topics vary on the basis of interest expressed by students and faculty and includes workshops on personal finance. These workshops are open to all college majors. Depending on the topic, consent of the instructor may be required and grading options will vary. Consult appropriate term course schedules for prerequisites and grading options. Open to all majors. May be repeated for credit.

Credit Hours
0.25

BUS-480 Excel-Based Decision Making Tools II

Course Description
.75 credit A study of the typical operations research techniques and their applications in business. Topics include inventory theory, queuing models and simulation models with an emphasis on interpretation of results. Prerequisite(s): No prerequisite.

Credit Hours
0.75

BUS-481 Managerial Finance

Course Description
.75 credit A study of the methods of developing financial policies with an emphasis on capital investment analysis, cost of capital and cash-cycle decisions. Prerequisite(s): No prerequisite.

Credit Hours
0.75

BUS-484 Business Policy

Course Description
.75 credit An integration of the basic business disciplines for business policy formulation using the case study method. Prerequisite(s): No prerequisite.

Credit Hours
0.75

BUS-492 Independent Study

Course Description
For senior students who wish to pursue additional study of topics developed in other business courses. The precise format is determined by the nature of the topic, student ability, and the instructor with the approval of the director. A limited number of students are accepted on the basis of academic grade-point average, faculty recommendation, professional progress, and demonstrated interest. Repeatable under special circumstances to a maximum credit of two courses. Prerequisites: major within the Department of Buisness, senior standing and consent of the chair. Upon request.

Credit Hours
0.5

BUS-501 Introduction to Coaching

Course Description
The course will include theoretical and applied aspects of coaching. We begin with an overview of coaching and the different aspects of the coaching engagement. We will explore various coaching models using the text, readings, and in-class group discussions.

Credit Hours
0.75

BUS-502 Individual Assessment and Interviewing

Course Description
This course reviews coaching and digs deeper into the different styles, theories, and forms of assessments. We would work on building the foundations of interviewing and do activities that focus on understanding, analyzing, and giving feedback on assessments. This class covers in-depth interviewing skills, active listening, understanding the importance of collecting data and interviewing, building rapport and trust, and learning to identify assessments that would work for individual coaching. In this class, we would work on DiSC, TKI, and Enneagram training and reports.

Credit Hours
0.75

BUS-503 Peer Coaching

Course Description
The students would run individual assessments and interviews, learn more about their clients, gain insight into their professional careers, and develop a focal issue to work on for the term. At the end of the J-Term, students will submit their coaching log, videos, recap report, and complete Comps.

Credit Hours
0.75

BUS-505 Advance Coaching II

Course Description
This class, we would review coaching cases and practice the different advanced techniques with coaching. We would work on tools and strategies to dig deeper into the focal issue. Each student would be assigned two clients to work through the Spring and Summer semesters. Their goal is to fit in 8 coaching sessions via Zoom, an action plan, and a recap report.

Credit Hours
0.75

BUS-506 Executive Coaching Practical Application

Course Description
This class, we would review coaching cases and practice the different advanced techniques with coaching. We would work on tools and strategies to dig deeper into the focal issue. Each student would be assigned two clients to work through the Spring and Summer semesters. Their goal is to fit in 8 coaching sessions via Zoom, an action plan, and a recap report. They will also prep for the ICF and start working on their coaching portfolio

Credit Hours
0.75

CGE-205 Intro to Digital Cinema

Course Description
This course introduces students to the step-by-step process of making a short narrative film. Students will learn how to turn their ideas into a short screenplay. They will take that screenplay and make a practical production plan around it. They will learn shooting strategies and techniques. Finally, they will learn the basics of editing and assemble their rough elements into a final cut. The course will conclude with a screening of all of the students' short films.

Credit Hours
1

CGE-303 Computer Game Design

Course Description
This course will introduce students to design principles, as well as the skills and techniques required to create game mechanics, documentation, and functional prototypes for innovative video game projects. Students will learn about industry standard tools and resources including game engines, programming and scripting, and asset creation. It will emphasize design skills such as design documentation, systems design, level design, game balancing, play-testing, interactive storytelling, and user experience design. Students will learn about the study of gameplay, player interaction, and community dynamics as well as the unique features of various video game genres and platforms; such as PC, console, and mobile games. Prerequisite(s): Sophomore standing or higher required to register.

Credit Hours
1

CGE-355 Computer Animatn & Simulatn

Course Description
This course introduces the student to principles applied to animate computer-generated objects on a computer screen. Both 2-D and 3-D animation techniques are discussed, together with topics including the physics of animated systems, systems of particles, inverse kinematics, framing, interpolation and hierarchies. Also considered is the application of animation to the simulation and modeling of physical systems. Prerequisite: CS 255.

Credit Hours
1

CGE-401 3 Dimensnl Comptr Game Dsgn

Course Description
Central to this course is a team project that produces a threedimensional and interactive game using a game-development platform, such as Unity. This is a course that enrolls Computer Game and Entertainment Technology (CGE) and Digital Media (DM) students taking the game design track. CGE students apply programming and software development toward the main game project. DM students focus on the art, music, and/or sound assets. CGE students learn how to incorporate the artificial intelligence and physics into games using the game development platform and DM students learn how to incorporate and integrate created assets into the game. Several small projects are used to learn how to use specific aspects of the development platform. Beyond the software development side, project management and planning tools and techniques are introduced and are used to organize assets, workflows, tasks, versions, testing, and personnel. Both CGE and DM students study the project management aspects of game development. Prerequisites: CGE 303 and CGE majors must also take CS 255.

Credit Hours
1

CGE-460 Computer Graphics

Course Description
Features of graphics programs are considered, including two and three-dimensional coordinate systems, transformations, perspectives, hidden-line algorithms and polygon filling(graphics), and boundary recognition, template matching, surface and edge enhancement (image processing). Prerequisites: CS 220 and MTH 132.

Credit Hours
1

CGE-477 CmptrGame&Entrtnmt Prjct Dev

Course Description
This is the capstone course for the student majoring in computer game and entertainment technology. The student in this course applies all of the concepts and skills learned in previous CGE courses to produce a significant project. Students work in teams to produce a game in a genre of their choice. In the development of the team project, game development lifecycles and relevant software engineering concepts are studied and are applied to game production. Several concepts and practices used in many game development processes are utilized in a widely-used gamedevelopment software platform and project management and project planning software used to manage art assets, project management, project planning, design, validation, verification, testing, documentation, maintenance, and configuration management. Performance evaluation, software and assetreusability, cost models, and deployment are covered. The importance of security and testing are emphasized. Prerequisite: CGE major with senior standing or consent of the instructor.

Credit Hours
1

CGE-492 Independent Study

Credit Hours
1

CGE-495 Honors Independent Research

Course Description
This course gives Honors Program students the opportunity to design and implement a significant research project in the field of computer game and entertainment technology culminating in an appropriate public dissemination of the research methods and findings. This research must build upon previous course work taken within the major or minor, facilitating faculty supervision and guidance. Repeatable for credit. Permission of the faculty supervisor and the director of the Honors Program required prior to registration.

Credit Hours
0.5

CGE-497 Adv Film & Media Production

Course Description
Students will build upon their existing film and media production skills while also learning new tools, techniques, and processes. Students will go through all the steps of the creative process, from idea generation to pre-production through production and post-production as they create an original piece of new media. Projects may include but are not limited to short narrative films, short documentaries, short stop-motion animation films, web series, and commercials. Students will participate in collaboration by serving in various crew positions on their peers' projects. The class will end with a public screening of all of the projects. Prerequisite: CGE 205

Credit Hours
1

CHM-100 Chemistry in Natural World

Course Description
The chemistry of real-world examples is studied through illustrations and demonstrations taken from ordinary substances, objects and processes of the natural world. Topics include: atomic and molecular structures, water, acids and bases, organic and biochemistry, drugs, energy and pollution. Includes laboratory. Prerequisite(s): No prerequisite. Open to any non-science major. Does not satisfy the requirements for a chemistry or biochemistry major.

Credit Hours
1

CHM-101 General Chemistry

Course Description
This course is primarily designed for pre-nursing students but is open to students in non-science disciplines as well. The principles of general chemistry are covered, including atomic structure, bonding, chemical change, stoichiometry, gas laws, energy relationships, equilibrium, acids and bases, rates of reactions and nuclear processes. Emphasis is placed on the application of the course material to health and environmental issues. High school chemistry recommended. Fall Term.

Credit Hours
1

CHM-101L General Chemistry Lab

Course Description
Concurrent lab experience that supports content learning in CHM-101.

Credit Hours
0

CHM-103 Elem Organic & Biochemistry

Course Description
This course focuses on the study of organic functional groups, characterization of related compounds andreactions. Biochemistry includes bioenergetics,carbohydrates, amino acids, proteins, enzymes,lipids, nucleic acids, and related biochemical metabolisms. Prerequisite: CHM 101. Spring Term.

Credit Hours
1

CHM-110 Chm & Issues in the Environment

Course Description
This course examines chemistry concepts through the study of enviromental issues. Issues include air pollution, ozone depletion, energy, nuclear power, climate change and water quality. Solutions to enviromental problems depend on progress in science and technology, as well as politcal decisions and prevailing ethical value systems. Includes laboratory. No prerequisite.

Credit Hours
1

CHM-123 Gen,Org & Biochem for NursingProfession

Course Description
This course will cover the basic principles of chemistry needed to understand the chemistry of biological systems. The course is intended for those who wish to enter the nursing profession. The class will include laboratory and recitation sessions. Broadly the class will focus on general and organic chemistry principles that will allow students to understand the biochemistry of biological molecules at the molecular level. The laboratory will focus on having students understand the scientific method using topics discussed in the lecture. Includes laboratory. Prerequisite: MTH 121. Spring Term.

Credit Hours
1.25

CHM-150 Chemistry in Context

Course Description
The course is designed to support students in developing disciplinary core ideas and science and engineering practices to understand the natural and physical world. Students will engage in using concepts in chemistry to make connections between natural phenomena, science, technology, mathematics, and society.

Credit Hours
0.5

CHM-201 Chemical Principles IA

Course Description
Topics covered include the following: stoichiometry, atomic structure, chemical bonding, aqueous solution chemistry, gases, liquids and solid state, and solution properties. Designed for students in science-oriented careers (e.g.,chemistry, biology, premedical, pre-physical therapy). Concurrent registration for CHM 202 which is held in J-Term is required. Prerequisite: high school chemistry. Instructor permission required. Fall Term.

Credit Hours
1

CHM-202 Chemical Principles IB

Course Description
Topics covered include the following: stoichiometry, atomic structure, chemical bonding, aqueous solution chemistry, gases, liquids and solid state, and solution properties. Designed for students in science-oriented careers (e.g.,chemistry, biology, premedical, pre-physical therapy). Concurrent registration for CHM 201 which is held during the Fall Term is required. Prerequisite: high school chemistry. Instructor permission required. J-Term.

Credit Hours
0.25

CHM-211 Chemical Principles I

Course Description
Topics covered include the following: stoichiometry, atomic structure, chemical bonding, aqueous solution chemistry, gases, liquids and solid state, and solution properties. Designed for students pursing science-oriented careers (e.g., chemistry, biology, premedical, pre-physical therapy). Prerequisite: high school chemistry; concurrent registration for a laboratory session is required. Fall Term. Summer Term.

Credit Hours
1

CHM-211L Chemical Principles I Lab

Course Description
Concurrent lab experience that supports content learning in CHM-211.

Credit Hours
0

CHM-211R Chemical Principles I Recitation

Course Description
Open to all students currently enrolled in CHM 211, this recitation is designed to provide additional support to students taking CHM 211. Beyond covering course topics, students will develop individualized study plans and assessment of their methods of study, work on problem solving skills. In addition to gaining a better understanding of chemistry, students will develop skills which can be applied to other courses. Students are expected to attend at least one class meeting (1.5 hours) per week, but are welcome to attend both sessions. Corequisite: CHM 211. Pass/No Pass Grading.

Credit Hours
0.25

CHM-212 Chemical Principles II

Course Description
Topics include the following: thermodynamics, kinetics, equilibrium applied to the acid-base theory and solubility, electrochemistry, nuclear chemistry, descriptive chemistry of selected elements, and coordination chemistry. Designed for students pursuing science-oriented career paths. Prerequisites: CHM 101 or CHM 211 or equivalent; concurrent registration for a laboratory session is required. Spring Term, Summer Term.

Credit Hours
1

CHM-212L Chemical Principles II LAB

Course Description
Concurrent lab experience that supports content learning in CHM-212.

Credit Hours
0

CHM-220 Adv Chemical Principles

Course Description
This one-term course is a combination of CHM 211 and 212 specifically designed for students with strong backgrounds in chemistry and mathematics. Topics include stoichiometry, thermodynamics, atomic and molecular structure, kinetics and equilibrium. Students will participate in module or project is driven laboratory exercises. Prerequisites: AP Chemistry score of 2.0 or higher, or member of the Honors Program, or consent of instructor required.

Credit Hours
1

CHM-221 Analytical Chemistry

Course Description
Wet chemical and classical instrumental methods (electrochemical and spectrophotometric), sampling and separation techniques, and data evaluation methods are presented. Includes laboratory. Prerequisites: CHM 212 or CHM 220 and MTH 132 or higher. Spring Term.

Credit Hours
1

CHM-301 Lab Rehab: Foundations of Organic Lab S

Course Description
Lab Rehab is meant to continue the organic lab experience and help you catch up on your lab skills before you take upper-level lab courses like biochemistry. If you are worried that you might be behind on practical lab skills because you didn't get as much time in the lab as we have in prior years this is the course for you. There will be no writing or homework - this is focused on reactions, playing with instrumentation, and technique!

Credit Hours
0.25

CHM-311 Organic Chemistry I

Course Description
Emphasizes the fundamental principles necessary for understanding synthetic applications. The basic functional groups are discussed with respect to bonding, properties, preparations, and reactions. Reaction mechanisms are studied and applied to specific cases. Stereochemistry is studied. Concurrent registration for CHM 311L required. Prerequisite: CHM 212 or equivalent. Fall Term, Summer Term.

Credit Hours
1

CHM-311L Organic Chemistry I LAB

Course Description
Concurrent lab experience that supports content learning in CHM-311.

Credit Hours
0

CHM-312 Organic Chemistry II

Course Description
A continuation of functional group study with emphasis on synthetic applications. Methods of structure proof (IR, UV, NMR, mass spectroscopy). Concurrent registration for CHM 312L required with an emphasis on synthetic and physical organic experiments. Prerequisite: CHM 311. Spring Term, Summer Term.

Credit Hours
1

CHM-312L Organic Chem II LAB

Course Description
Concurrent lab experience that supports content learning in CHM-312.

Credit Hours
0

CHM-314 Intro Biochemistry-Lec only

Course Description
Study of biochemical systems including carbohydrates, lipids, proteins, enzymes, nucleic acids, vitamins, hormones, corresponding metabolic pathways, and energetic and kinetic analysis of representative biochemical systems. Prerequisite CHM 312.

Credit Hours
0.75

CHM-315L Intro to Biochemistry Lab

Course Description
Concurrent lab experience that supports content learning in CHM-315.

Credit Hours
0.25

CHM-316 Intermediate Biochemistry

Course Description
Topics include intermediary (anabolic) metabolism of proteins, lipids, nucleic acids, plant metabolism (e.g. photosynthesis), study of nucleic acids and protein synthesis, and membrane transport. Prerequisite: CHM 315. Spring Term.

Credit Hours
1

CHM-350 Chemistry Lab Preparation Skills

Course Description
This course is designed for students planning to teach high school science. Students will learn and practice laboratory skills including sample and solution preparation, stockroom reagent management and task scheduling. In addition, they will learn waste management skills that they need to conduct safe laboratory practices in their future classrooms.

Credit Hours
0.5

CHM-394 Intro to Chemical Research

Course Description
Participation in guided collaborative research with a faculty member for credit. Specific literature research and laboratory experiments will be carried out, culminating in a final paper and/or appropriate public dissemination of the research methods and findings. May be repeated for credit. Prerequisites: CHM 211 and 212 or CHM 220; consent of the supervising instructor.

Credit Hours
0.25

CHM-412 Physical Chm:Quant Mech/Spec

Course Description
An introduction to atomic and molecular quantum mechanics, molecular symmetry, and chemical applications of group theory, applications to atomic and molecular spectroscopy, molecular orbital theory, and computational chemistry.

Laboratory principles and procedures are integrated with and satisfied by CHM 413, CHM 422-427. Prerequisites: CHM 221, MTH 152, PHY 121 (PHY 121 may be taken concurrently).

Credit Hours
1

CHM-413 PhysiclChm:Therm,Kin&StatMec

Course Description
A systematic study of thermodynamics with applications to gases, liquids and solids, real and ideal mixtures, solution and phase equilibria and chemical reactions. An introduction to statistical mechanics and its application to spectroscopy and kinetics. A study of advanced kinetics including mechanisms and surface phenomena. (Includes laboratory). Prerequisites: CHM 212, CHM 412, MTH 152, PHY 122 (PHY 122 may be concurrent).

Credit Hours
1

CHM-420 Chem Instrumnt I:Chromatographic&Spectr

Course Description
This class focuses on the theory and instrumentation used for spectroscopic (UV-Vis, atomic absorption and emission, and fluorescence) and chromatographic (gas and liquid) techniques as well as capillary electrophoresis. The lab is included. Prerequisite: CHM 221. Pre/Co-requisite: CHM 412.

Credit Hours
0.75

CHM-421 ChmInstru II:Eletrochem Molecular Spect

Course Description
This class includes the theory and instrumentation used for electroanalytical (potentiometry, coulometry, and voltammetry), infrared spectroscopy, nuclear magnetic resonance spectroscopy and mass spectrometry techniques. Lab activities focused on structural interpretation and determination are included. Prerequisite: CHM 221, 312

Credit Hours
0.5

CHM-432 Advanced Inorganic Chemistry

Course Description
Theories of atomic structure, bonding, periodicity, and geometric structure are used to describe the properties and reactivities of inorganic compounds with emphasis on several main groups: acids and bases, oxidizing and reducing agents, and transition metal coordination compounds. Includes laboratory with emphasis on synthesis and analysis of inorganic compounds. Prerequisite: CHM 412 or consent of instructor. Fall Term, alternate years.

Credit Hours
1

CHM-460 Advanced Topics in Chemistry

Course Description
Topics vary each term to reflect current student and faculty interests and timely topics in the chemical literature. Examples include advanced organic chemistry, environmental chemistry, industrial organic chemistry, computational chemistry, advanced physical chemistry, organometallic chemistry, and organic synthesis. The laboratory may be included. May be repeated for credit. Prerequisite: consent of instructor.

Credit Hours
0.5

CHM-468 Internship

Course Description
Provides selected chemistry and biochemistry students with an opportunity to obtain career experience through involvement with chemistry/biochemistry-related businesses, environmental or health care organizations, government agencies or institutions. May be taken during the regular term with part-time employment of seven to 13 hours weekly for .50 credit, or 14 to 17 hours weekly for 1.00 credit. Summer Term and January Term experiences may also be possible (hours per week will be adjusted accordingly). Applications should be made early in the term preceding registration and will be reviewed on the basis of academic and professional progress, faculty recommendation and demonstrated interest. Approved project-based internships may be substituted for CHM 494 in the capstone sequence with prior approval of the department if CHM 496 and CHM 499 are completed in conjunction with the internship project. Such internships will receive A-F grading. Pass/No Pass grading. Repeatable for credit. Prerequisite(s): departmental approval.

Credit Hours
0.5

CHM-492 Independent Study

Course Description
An introduction to chemical research directed by faculty or performed through special arrangements with Argonne National Laboratory or industrial co-op programs. Research includes original experimental work or library studies. A professional report or paper and a presentation in the seminar course are required. May be repeated for credit. Prerequisites: consent of instructor, junior standing, and CHM 411.

Credit Hours
0.5

CHM-494 Independent Research

Course Description
Enables chemistry majors to plan and execute a research project for credit. This course is required of every student majoring in chemistry and is designed to prepare the student for the level of independent work required in the industry, science teaching or postbaccalaureate study. Specific literature research and laboratory experiments must be carried out, culminating in a final paper and appropriate public dissemination of the research methods and findings. Students generally complete CHM 496 the term prior to enrolling in CHM 494. May be repeated for credit. Prerequisite: CHM 496. Permission of the supervising instructor is required prior to registration.

Credit Hours
0.5

CHM-496 Chemistry Research Seminar I

Course Description
This is a seminar course designed to prepare students for independent research. Students will be introduced to chemical research methods through class activities, occasional speakers, and instruction designed to introduce chemical information sources such as commercial databases and Internet resources. Students will explore the chemical literature in their proposed research area, conduct a literature review on the proposed topic and prepare a research plan to be carried out under the direction of a faculty member. Required of all chemistry majors. Students generally complete CHM 496 the term prior to enrollig in CHM 494. May not be taken concurrently with CHM 497, CHM 498 or CHM 499. Prerequisite: CHM 312.

Credit Hours
0.25

CHM-497 Chem Literature Seminar I

Course Description
This is a seminar course designed to advance students' understanding of the chemical profession, the chemical literature and current research areas in chemistry. This course will assist students in understanding the body of information which constitutes the chemical literature and is structured to help students develop the skills required to effectively and efficiently utilize and communicate that literature as professional chemists. Students will use printed tools, commercial databases and Internet resources, conduct literature reviews and participate in discussions and talks focused on contemporary research topics. Required of all chemistry majors. May not be taken concurrently with CHM 496. CHM 498 or CHM 499. Prerequisite: CHM 312.

Credit Hours
0.25

CHM-498 Chem Literature Seminar II

Course Description
This is a seminar course designed to continue to advance students' understanding of the chemical profession, the chemical literature and current research areas in chemistry, building on the foundation developed in Chemistry Literature Seminar I. In particular, this course emphasizes the development of oral communication skills in chemistry through class activities, multiple presentations and occasional speakers emphasizing contemporary chemical research. Course work culminates in a final technical presentation highlighting a current area of research from the recent literature. Required of all chemistry majors. May not be taken concurrently with CHM 496, CHM 497 or CHM 499. Prerequisites: CHM 312, CHM 496 and CHM 497.

Credit Hours
0.25

CHM-499 Chem Research Seminar II

Course Description
This is a seminar course that serves as a capstone to the chemistry major's undergraduate research experience. This course emphasizes the development of oral communication skills in chemistry through class activities, multiple presentations, discussion of current research projects and occasional speakers. This course culminates in the student presenting a final technical presentation highlighting the results of the student's own undergraduate research project and dissemination of the research results to the larger community. Required of all chemistry majors. Students generally enroll in CHM 499 the term after completing CHM 494 (or concurrently). May not be taken concurrently with CHM 496, CHM 497 or CHM 498. Prerequisites: CHM 312, CHM 496,CHM 494 or CHM 495 and (CHM 497, CHM 498 recommended).

Credit Hours
0.25

CJ-100 Intro Criminal Justice System

Course Description
An overview of the development, organization, and function of the adult and juvenile criminal justice systems in the U.S. Issues of prevention, control, prosecution, and treatment of crime and violators will be discussed. The social and cultural factors that influence the creation of laws, the commission of crime, and the operation of law enforcement, courts, and corrections will be emphasized. Professional, legal, and ethical concerns will be explored using case examples.

Credit Hours
1

CJ-210 Policing and Society

Course Description
An examination of the role of the police in modern society. Topics include interactions with minorities, racial profiling, police corruption and the use of force. Emphasis on accountability and remedies for strained relationships between the police and the public.

Credit Hours
1

CJ-215 Corrections:Theory&Practice

Course Description
An examination of the historical foundations and ideological and pragmatic justifications for punishment and imprisonment; sentencing trends and alternatives to incarceration; organization and management of correctional institutions; inmate life and prison; treatment and custody; discharge and parole.

Credit Hours
1

CJ-292 Independent Study

Course Description
.50, .75, or 1.00 credit. An independent and concentrated reading course focusing on a specific problem area, field of specialization or thought of a major thinker in criminal justice. Repeatable for credit. Prerequisites: two courses in criminal justice and consent of instructor. Upon request.

Credit Hours
0.5

CJ-308 Theories of Criminology

Course Description
An examination of early and modern theories of criminality from the 18th century to the present. Emphasis on sociological explanations, including social disorganization, subcultural theories, strain and self-control. Associations among theory, research and policy will be highlighted. Prerequisite(s): SOC 100 or CJ 100.

Credit Hours
1

CJ-319 Juvenile Delinquency & Justice System

Course Description
An analysis and in-depth study of how multiple institutions within the social environment of contemporary U.S. society influence juvenile offenders. Special attention is given to issues and dilemmas in arresting, processing, charging, interrogating, prosecuting, sentencing/punishing, and incarcerating juvenile offenders. Prerequisite: CJ 100 or SOC 100 or equivalent.

Credit Hours
1

CJ-320 Corporate White Collar & Org. Crime

Course Description
A focus on the operation of organized criminal activities and white collar crime. Structure, participant characteristics, legal handling, investigation, prosecution, and sentencing will be examined and compared. Prerequisite: CJ 100.

Credit Hours
1

CJ-323 Methods of Social Research

Course Description
An introduction to the logic and procedures for conducting social research. An examination of the foundations of social research, research design, methods of observation, data analysis and ethical issues in research. Prerequisite: SOC-100 or CJ-100.

Credit Hours
1

CJ-330 Criminal Investigation

Course Description
An examination of the evolution of criminal investigation as well as current investigative techniques and protocol. Students will explore the various stages of crime (the scene) via physical evidence, canvassing for witnesses, arrest and preparation for prosecution. Prerequisite: CJ 100.

Credit Hours
1

CJ-340 Gender & Crime

Course Description
Gender and Crime focuses on explanations of the criminalty of women, men, and transgender people in the U.S. and the prison cultures associated with different genders. The course examines how dominant cultural norms and values reflect differential power relations between individuals in U.S. society and how these power inequalities act as root causes of crime. It explores how crime is used by individuals to appeal to, reject, or change societal norms and relationships as well as how social control of such individuals is used to shore up support for existing societal norms and relationships. Prerequisites: CJ 100 or SOC 200.

Credit Hours
1

CJ-350 Social&CrJusticePolicyIn U.S.

Course Description
This course will introduce students to numerous types of social policies throughout the United States that often create inequalities within our society. Families and individuals experiencing contact with the criminal justice system often are also in contact with social programming so students will be exposed to this overlap. We will explore the process of policy making within the United States government and criminal justice organizations. They will be introduced to numerous principal U.S. social programs, like Social Security, Medicaid, and Medicare, as well as criminal justice programs, such as mental health programs in prisons and jails and sentencing policies. Prerequisite: CJ 100 or SOC 100.

Credit Hours
1

CJ-351 Communities & Crime

Course Description
This course is designed to provide an overview of the relationship between crime and community characteristics. It answers questions about why some communities have more crime and violence than others. The course has three main focuses. First, it provides a background of how cities in the United States developed into our modern day system. Second, the course provides a history of the theories surrounding the study of crime and place. Lastly, it covers current topics that affect communities. Prerequisites: CJ 100.

Credit Hours
1

CJ-352 Criminal Justice Ethics

Course Description
This course explores the ethical and philosophical issues and moral dilemmas that face criminal justice professionals. These may include topics such as the principles of justice, utilitarianism, philosophical issues in sentencing, police and ethics, ethics and research, and the scope of state control. Prerequisite: CJ 100.

Credit Hours
1

CJ-353 Race/Ethnicity and the CrimJusticeSys

Course Description
This course examines current research and theories related to race and ethnicity and the criminal justice system. It focuses on the varying rates of criminalization over time and the factors associated with these rates, including overpolicing, disproportionate incarceration, and other structural disadvantages. It includes current topics that explore the intersections of race/ethnicity and crime, such as immigration, the Latino paradox, and racial profiling.

Credit Hours
1

CJ-408 Criminology

Course Description
An examination of early and modern theories of criminality from the 18th century to the present. Emphasis on sociological explanations, including social disorganization, subcultural theories, strain, and self-control. Associations among theory, research and policy will be highlighted. Prerequisite: CJ 200 or SOC 211 or equivalent and junior or senior standing.

Credit Hours
1

CJ-411 Criminal Law and Procedure

Course Description
An examination of the development and operation of United States criminal law, including legal terminology, crime definitions, criminal defenses, and the protections afforded by the Constitution. Criminal responsibility and the capacity to commit a crime will be covered. Specific areas of interest include jurisdiction, entrapment, insanity and mens rea, the exclusionary rule, Miranda warnings, warrantless searches and probable cause. Prerequisite: CJ 100.

Credit Hours
1

CJ-480 Selected Topics in Criminal Justice

Course Description
Topics vary upon both student and faculty interest. Some of these include police racial profiling, capital punishment, the courts, domestic violence, probation and parole, and serial murderers. May be repeated for credit. Prerequisites: CJ 100. This course will count as one Criminology Course or one Criminal Justice course depending on the topic, as determined by the Department.

Credit Hours
1

CJ-490 Independent Field Work

Course Description
.50, .75, or 1.00 credits. Independent guided field work in criminal justice. Fieldwork involves work in an agency, organization, or community setting using criminal justice theory to analyze and solve problems. A minimum of 196 hours on site is required during the semester for 1.00 credit. Repeatable for credit. Prerequisites: two courses in criminal justice and consent of instructor. Upon request. This course may count as one Criminology Course or one Criminal Justice course, depending on the topic, as determined by the Department.

Credit Hours
0.5

CJ-491 Independent Research

Course Description
.50, .75, or 1.00 credit. A course in independent, guided research. Practical experience is acquired in the stages of designing and conducting a research project in criminal justice. Repeatable for credit. Prerequisite(s): CJ 323/SOC 323 and consent of instructor. Upon request. This course may count as one Criminology Course or one Criminal Justice course, depending on the topic, as determined by the Department.

Credit Hours
0.5

CJ-492 Independent Study

Course Description
.50, .75, or 1.00 credit. An independent and concentrated reading course focusing on a specific problem area, field of specialization or thought of a major thinker in criminal justice. Repeatable for credit. Prerequisites: Two courses in criminal justice and consent of instructor. Upon request. This course may count as one Criminology Course or one Criminal Justice course, depending on the topic, as determined by the Department.

Credit Hours
0.5

CJ-495 Honors Independent Research

Course Description
This course gives Honors Program students the opportunity to design and implement a significant research project in the field of criminal justice, culminating in an appropriate public dissemination of research methods and findings. This research must build upon previous coursework taken within the major or minor, facilitating faculty supervision and guidance. Repeatable for credit. Permission of the faculty supervisor and the director of the Honors Program required prior to registration.

Credit Hours
0.5

CJ-496 Capstone Seminar

Course Description
An advanced seminar with topics that change each semester. This course focuses on a myriad of issues and topics within the criminal justice field. It serves as the culminating course for students to apply all of the content from previous criminal justice courses to one large course project. In addition to applying content, students will further develop their writing and presentation skills and prepare for entry into the field. Because of these goals, students should enroll in this course during their senior year. Prerequisite: CJ 100.

Credit Hours
1

CLS-390 Hematology

Course Description
Study of the origin, development, morphology, physiology, and pathophysiology of the formed elements of the blood and bone marrow. Manual and automated methods of cell counting, differentiation and other special hematological procedures on blood & body fluids used in disease diagnosis.

Credit Hours
1.25

CLS-391 Clinical Microbiology

Course Description
Theory and practice of the isolation and identification of pathogenic bacteria and mycobacteria in clinical specimens through cultures, morphology, biochemical and/or serological reactions and their drug susceptibility. The relation of clinical testing to disease states is also included.

Credit Hours
1.5

CLS-392 Biochemistry

Course Description
Part I: Theory and practice of analytical biochemistry as applied to pathologic states,methodology and instrumentation. Statistics are applied to reagent preparation, result determination and quality control. Includes clinical significance. Part II: Theory and practice of analytical biochemistry as applied to specialized tests for drugs, endocrine function and blood gas analysis. The relation of clinical testing, including Molecular Biology techniques, to disease states is also included.

Credit Hours
2

CLS-393 Serology/Immunology

Course Description
Study of the principles of the protective and adversive aspects of the cellular and humoral immune responses, theory and performance of test procedures based on antigen-antibody reactions and clinical significance of test results are included.

Credit Hours
0.75

CLS-395 Clinicl Microscpy&Urinalysis

Course Description
Theory and practice of biochemical analyses and microscopic examination of urine and other body fluids. Includes clinical significance of lab data.

Credit Hours
0.5

CLS-396 Coagulation

Course Description
Study of the platelet, vascular, coagulation, and fibrinolytic systems. Testing procedures and the application of the principles of hemostasis as related to disease states and therapeutic monitoring are also included.

Credit Hours
0.5

CLS-397 Blood Bank

Course Description
Study of red cell antigen-antibody systems, antibody screening and identification, compatibility testing and immunopathologic conditions. Also included are donor requirements & blood component preparation and hemotherapy.

Credit Hours
1

CLS-398 Parasitology/Mycology

Course Description
Theory and practice of the isolation and identification of fungi, parasites and viruses utilizing morphological, cultural, biochemical and serological methods. The relation of clinical testing to disease states and epidemiology as it applies to microbiology is also included.

Credit Hours
0.25

CLS-400 SpTpc:Clinical Lab Science

Course Description
An overview of medical ethics, patient approach, the theory and practice of phlebotomy techniques, laboratory safety, applications of laboratory computer systems and independent clinical research and development. In addition, clinical management and education will be covered in this course, including an introduction of the principles and theory of management and education as related to the clinical laboratory. The special job responsibilities of the medical laboratory scientist in management and education are addressed.

Credit Hours
0.25

COM-113 Communication in Contexts

Course Description
An introduction to the foundations of theory and practice in oral communication. Topics will include: (a) interpersonal context; self-concept, listening, conflict management, verbal and non-verbal communication, gender roles, relationship development and maintenance; (b) public context; effective oral presentation skills, audience analysis, communication anxiety, and organizational patterns; (c) small group context; effective decision-making, leadership, empowerment, cultural diversity, group dynamics, team management, and participation. Appropriate for English Education students and others seeking to satisfy the oral communication requirement for the State of Illinois.

Credit Hours
1

COM-114 Interpersonal Communication

Course Description
A course designed to enhance interpersonal communication skills as well as survey-related theoretical foundations. The focus of the course is on verbal and nonverbal forms of human interaction. Issues such as listening, self-disclosure, conflict management, and relational development and disengagement are explored in theory and practice.

Credit Hours
1

COM-211 Media and Society

Course Description
The history of media in the United States with an emphasis on the origin, nature and effects of media on society.

Credit Hours
1

COM-213 Public Speaking

Course Description
An introductory course in oral presentation that combines theory with practical application.

Credit Hours
1

COM-219 Intro to Public Relations

Course Description
Theories, methods, and practice of public relations and their application in a variety of contexts including corporate, political, social, educational, non-profit, and other institutions. Students will develop writing skills and analytical abilities necessary for public relations practitioners.

Credit Hours
1

COM-260 Media Writing

Course Description
An introduction to script writing and editing for radio, television, and corporate communication. Includes the study of news coverage, media ethics, and law. Prerequisite: ENG 106 or equivalent.

Credit Hours
1

COM-305 News Reporting

Course Description
Introduction to and practice in journalistic style and the techniques of writing for mass communication, including interview techniques, media law, ethics and other components of print or online media. Prerequisite(s): ENG 106 or equivalent. Fall Term.

Credit Hours
1

COM-306 Advanced Reporting

Course Description
As part of the core curriculum in the Journalism Major, this course moves students beyond the basics of news reporting and editing and into more complex writing projects, including a colloborative class project and using social media as a journalistic tool. Final writing assignments will be submitted for publication in national or regional media. Prerequisites: ENG 106 and ENG/COM 305

Credit Hours
1

COM-311 Interprsonal Communicatn in the Workplce

Course Description
This course explores communication within the context of professional interpersonal relationships. Topics include interpersonal communication concepts, monitoring the intermnal and external environmental factors of a professional interpersonal relationship, determining the relational context, identifying the appropriate communication channel for interpersonal exchanges at work, and reducing unintended messages. Students will demonstrate their understanding of diversity and acceptance in their professional interpersonal relationships. Students will prepare a formal team presentation and a written analysis of their commuunicative experiences in a professional interpersonal relationship.

Credit Hours
1

COM-312 Small Group Communication

Course Description
A course designed to explore the nature of group processes, with an emphasis on effective task-group discussion, decision making, problem solving, and conflict resolution. Development of personal leadership skills and observational-analytic skills through structured group communication activities. Prerequisite: COM 114

Credit Hours
1

COM-315 Intercultural Communication

Course Description
Both cross-cultural and intercultural aspects of communication, verbal and nonverbal, are examined in domestic and international cultures. Cultural differences in values and beliefs are also examined. Important dimensions of communication are treated in specific contexts such as medical, business, and social. In addition, students will be asked to analyze their own intercultural

variables and communication behaviors. Overall, this course will build cultural awareness and knowledge of how to transcend cultural and ethnic differences to build community through communication.

Credit Hours

1

COM-316 Communication Theory

Course Description

A course that surveys the major theories in the field of communication, analyzing theories of nonverbal, intrapersonal, verbal, and relational communication. Emphasis on the relationship among theory, research, and communication science. Prerequisites: COM 114 and one other course at the 200 level or above.

Credit Hours

1

COM-317 Persuasive Communication

Course Description

Examination of the rhetorical and social scientific theories of persuasive communication. Students will gain practical experience by examining the ethical, logical, and motivational means of influencing others in a variety of persuasive situations. Course work will include analysis, criticism, and application of persuasive discourse across a diverse range of contexts

Credit Hours

1

COM-318 Gender & Communication

Course Description

A course designed to examine gender as it is created and recreated through the process of communication. This course focuses on gender and gender stereotypes in four primary contexts of media, education, organizations, and intimate relationships, such as friendships and family relationships. Students will gain a better understanding of the process of communication and how it affects the social construction of gender.

Credit Hours

1

COM-319 Business & Professional Communication

Course Description

A course designed to improve writing, speaking and listening skills essential to effective communication in a variety of business and professional situations. This course takes a practice-oriented approach to crafting, delivering, and evaluating various types of informative, demonstrative, and persuasive documents and presentations. Prerequisite: COM 213

Credit Hours

1

COM-320 Organizational Communication

Course Description

This course focuses on the application of communication theories as applied to organizational structures and design. Topics include open-systems theory, productivity, power, culture, socialization, identity, technology, ethics, and globalization within a wide range of organizations and contexts.

Credit Hours

1

COM-321 Case Studies In Crisis Communication

Course Description

Crisis communication is sub-specialty of the public relations profession that is centered on the skills and strategies used to respond to reputational threats against an individual, company, or organization. This course is designed to analyze problems and issues in crisis communication through case histories, exercises and projects. The course takes an asynchronous case-study approach, with an emphasis on depth of student participation, and focuses on typical communication difficulties in crisis management. This class seeks to mold competent strategic communicators through developing an understanding of public argument and organizational dynamics.

Credit Hours

1

COM-322 Conflict Management

Course Description

A course designed to enhance conflict communication skills focusing on understanding the theories of conflict, the nature and function of conflict and how communication contributes to conflict management and resolution. Prerequisite: COM 114

Credit Hours

1

COM-323 Family Communication

Course Description

Communication is central to the functioning of the family and extended family systems. This course explores topics that are relevant to understanding communication phenomena in the setting of the family. Topics include: families as systems, patterns, meanings, rituals, stories, roles and types, family life cycles, stressors and conflict, power and decision-making, family forms and contexts.

Credit Hours

1

COM-326 Health Communication

Course Description

This course focuses on the interactive relationship between communication and issues of health and medicine. The roles of patients and caregivers and social and intercultural issues in healthcare are explored.

Credit Hours

1

COM-327 Environmental Communication

Course Description
In Environmental Communication students will explore the impact of sustainable/green/environmental messages on an audience. Topics include how we communicate about environmental issues, how easy it is to "tune out" an environmental message, the application of the transactional human communication model to advocacy campaigns, developing and conveying possible solutions to stakeholders, managing conflict between stakeholders, assessing green marketing and corporate campaigns, and developing persuasive techniques. Students will develop a persuasive plan based on an environmental practice or initiative and, along with preparing a document, share their ideas in a formal presentation.

Credit Hours
1

COM-328 Event Management

Course Description
This course explores the fundamentals of event management. Students will learn how to apply project management to the creation, development, and implementation of large scale events such as professional conferences, ceremonies, formal events, concerts, athletic events, or conventions. Course content focuses on working in teams, negotiation, conflict management, organization, oral and written communication, interpersonal skills, and motivation.

Credit Hours
1

COM-329 Media & Cultural Identity

Course Description
This course provides an opportunity to examine the commodification of mediated culture and the resulting impact on cultural identity. Several cultural lenses will be used including religion, sexual orientation, gender, race, ethnicity, and ability. A variety of mediated texts will be examined including film, television, music, and print sources. This class seeks to develop competent cultural communicators through fostering an understanding of the impact of cultural "sale" on their identities as well as the identities of their "Others".

Credit Hours
1

COM-353 Special Topics in Communication Studies

Course Description
An opportunity for intensive exploration of a particular topic chosen by the instructor.

Credit Hours
1

COM-374 Radio Practicum

Course Description
General introduction to all aspects of broadcasting. Basic training and introduction to production equipment and the day-to-day workings of WRSE, the campus radio station. After gaining experience, students will have more advanced opportunities in the radio industry, including music air shifts, promotions, news, sports and other administrative duties at WRSE. Participation may be in the form of an independent on-air music show, or administrative responsibilities assigned by the station manager in a specific area of interest, such as news, promotion or music.?Five hours per week of participation is required.

Credit Hours
0.25

COM-375 Digital Media Practicum

Course Description
This is an applied course in digital media designed to teach the skills needed to produce digital media in a variety of formats. A minimum of five hours of activity per week is required.

Credit Hours
0.25

COM-405 Digital Journalism

Course Description
The list of platforms a journalist must learn is long and constantly in flux - from video and podcasts to social media, mobile apps, interactive infographics and virtual reality. Besides introducing students to modern multimedia tools, this course will emphasize the critical thinking skills necessary to decide which channels, tools or media are best suited to tell a story and engage the intended audience. Prerequisite: ENG/COM 305.

Credit Hours
1

COM-411 Media Seminar

Course Description
An examination of the impact of mass communication media on society. Research findings are discussed in terms of their political, social, and ethical implications, as well as their relationship to contemporary theories. Prerequisite: COM 211.

Credit Hours
1

COM-413 Public Address and Advocacy

Course Description
Effective public address has historically been the foundation of democratic thought and how leaders and regular citizens inform and persuade. Using a strategic communication framework, this course explores the value of public address in politics, business, nonprofits, and social advocacy. Over the course of the semester, students will compose an extended piece of public address, as well as analyze historical and contemporary examples. Through close textual analysis and an examination of best practices, this course allows students to craft and analyze extended pieces of public address.

Credit Hours
1

COM-419 Bus&ProfesComOnlineContexts

Course Description
Advanced exploration of business and professional communications, which includes the curation, interpretation, and analysis of documents and information. Covers the generation and management of online communications within social media and other Web 2.0 platforms.

Credit Hours
1

COM-420 Ethics in Communication

Course Description
This course is designed to help students develop a conceptual framework for evaluating communication ethics, and examining controversial issues and case studies in a variety of communication contexts, with a particular focus on media communication settings. Students will explore fundamental issues and standards of ethics in interpersonal, group, public, and mass communication contexts. Alernating Spring Terms.

Credit Hours
1

COM-450 Leadership and Communication

Course Description
This course is an overview of the relationship between communication principles and the phenomenon of leadership. Analysis of various leadership approaches and their communicative content are undertaken. Students will be asked to engage in qualitative research exploring the nature of leadership as a product of human communication. Prerequisite: COM 114. Alternating Fall Terms.

Credit Hours
1

COM-468 Internship

Course Description
Full or 1.5 course Designed to provide junior and senior communication studies, interdepartmental communication, and theatre majors with supervised, on-the-job experience with participating businesses, government agencies, institutions, theatres, and radio/television stations. Applications should be made early in the term preceding registration. A range of 10-20 hours of work experience per week is required for one course credit. Consent of instructor required during previous term unless exception is granted by Internship Coordinator. Offered for Pass/No Pass grading. Repeatable for credit.

Credit Hours
1

COM-490 Senior Seminar: Topics in Communication

Course Description
This senior seminar is a capstone option for communication majors. This course will allow students an opportunity to pursue advanced study of a topic in communication beyond the regular course offerings. Topics will vary each year and could include race and gender in the media, cultural identity in the media, the dark side of communication, and the role of communication within the liberal arts. Students will write a literature review paper on a course topic as the capstone of their work in the major. This course should be taken in the spring term closest to a student's graduation, assuming that student is not choosing to do an internship in communication as his or her capstone in the major.

Credit Hours
1

COM-492 Independent Study

Course Description
Quarter, half or full course Studies may include readings and clinical study or research. Consent of instructor required.

Credit Hours
0.5

COM-495 Honors Independent Research

Course Description
Half course This course affords Honors Program students the opportunity to design and implement a significant research project in the field of communication arts and sciences culminating in an appropriate public dissemination of the research methods and findings. This course must be taken concurrently with another 300-400 course in the major or minor, facilitating faculty supervision and guidance. Permission of the faculty supervisor and the Director of the Honors Program required prior to registration. Fall Term, January Term, Spring Term, Summer Term.

Credit Hours
0.5

COM-497 Portfolio Development

Course Description
This half-credit course is designed for students who are in their final year of study in the Multimedia Journalism major. Students should enter this course with multiple pieces of journalism, including digital media, that reflect the student's overall accomplishments and potential in professional journalism. The course will concentrate on building a portfolio, including at least one new piece of journalism, that can be showcased on a personal web site, demonstrating the depth of the student's reporting and writing skillS. Prerequisite: ENG 306 or COM 306

Credit Hours
0.5

COM-498 Internship: Capstone

Course Description
Designed to provide senior communication studies, interdisciplinary communication studies, and organizational communication majors with supervised, on-the-job experience with participating businesses, government

agencies, institutions and radio/television stations. May be taken during the regular term with part-time employment of 14 to 17 hours weekly for one coure credit or 18 to 20 hours weekly for one-and-one-half course credit. Additional assignments required as part of a capstone experience in communication. Applications should be made early in the term preceding registration and are reviewed on the basis of academic grade-point average, faculty recommendations, professional progress and demonstrated interest. Prerequisite: consent of instructor required during previous term unless exception is granted by international coordinator.

Credit Hours

1

CPP-100 First Leap

Course Description

Exploring self and career options. This course is a P/NP course with non-credit. It is open only to approved First Year students at the end of their spring term. It is composed of professional development programming, activities including informational interviews and/or job shadowing to help students explore career options and network with professionals in an area of career interest.

Credit Hours

0

CPP-111 Sophomore Success

Course Description

Meets first half of fall term dates and time TBA. Instructor, Julie Nosal. This course is the follow-up of CPP 100-First Leap. Career exploration since CPP 100 is discussed and connections between interests and values are more deeply examined along with additional professional development activities. Required: Successful completion of CPP 100 or consent of instructor .25 credit.

Credit Hours

0.25

CPP-211 Personl, Professionl Portfolio

Course Description

Personal Professional Portfolio .25 credit, available fall and spring terms. This independent study course is designed to prepare students for their academic and personal development plan as relates to their career goals and desires. Students will complete a four year plan of coursework and experiences, as well as reflection to gain and enhance core competencies. Individual meetings with instructor will be required. Pass/No Pass. Consent of instructor required.

Credit Hours

0.25

CPP-292 Independent Study

Credit Hours

0.25

CPP-298 Exploring the LegalProfession

Course Description

This course introduces the role that attorneys, paralegals, and other legal professionals play in the American legal system. Students will explore the various practice areas through site visits to courts, law firms, and legal aid organizations; engage in introductory legal research; and acquire the knowledge and tools necessary to discern whether a legal career fits with their values, interests, personality, workplace preferences, and underlying purpose. This course will complement the services currently provided in the Weigand Center for Professional Excellence (WCPE) for students considering law, but will allow for much more intensive exposure and deeper exploration of this career path. While class will meet primarily on campus, students will be required to travel to locations in Chicago and the surrounding suburbs on multiple dates at their own expense.

Credit Hours

0.5

CPP-299 Prof Fndatns for Career Devlp

Course Description

This course provides first and second-year students with a fundamental grounding in making career and academic decisions. Using career development theory as a background, students perform personal and skills assessments, research majors, conduct career and library searches, learn to set obtainable goals and explore professional and graduate school choices. Prerequisite(s): No prerequisite.

Credit Hours

0.5

CPP-399 Professional Career Prep

Course Description

The purpose of the course is to prepare third and fourth year students for the world of work by actively engaging in expanding their networking and interviewing preparation utilizing research and technology associated with job search strategies. Personal Skills will be practiced and enhanced to prepare students for their careers. Presenting information that challenges students to understand and apply various skills that will serve them as they prepare for internships and full time employment.

Credit Hours

0.5

CS-111 IntroSoftwareAppl&DigitlTech

Course Description

This course covers basic concepts in Computer Science and Digital Technology. These include, but are not limited to, computer systems, communication devices, digital media in audio and video, and various forms of handheld devices. The use of spreadsheets, databases, word processing, presentation software, and electronic communication are also covered.

Credit Hours

1

CS-146 Intro to Visual Analytics

Course Description
The world of modern analytics now impacts virtually every area of study and professional practice. Modern data visualization tools which can be readily used by anyone now make it possible for individuals from all backgrounds to effectively consume, use, and communicate about data. This course provides an introduction to visual data analytics. It takes a visual and intuitive approach to topics in exploratory data analysis and reasoning with data. Modern tools such as Tableau will be introduced. Applications of the course's concepts and techniques will be examined via a variety of case studies. This course does not require any prior formal training in statistics or computer science and is open to anyone who wants to acquire the edge facility with modern data brings.

Credit Hours
1

CS-150 Introduction to Programming in Python

Course Description
This course introduces students to algorithms, programming, and core computer science concepts through Python. Students will explore primitive and user-defined data types, fundamental control structures, and use an integrated development environment (IDE) to complete programming assignments. Debugging and testing techniques will also be covered. The course provides an introduction to key computer science topics such as machine data representation, computer systems operations, and file systems.

Credit Hours
1

CS-202 C++ For Programmers

Course Description
This course provides students with fundamental programming knowledge in languages other that C++ to acquire the C++ skills needed for advanced computer science courses. Knowledge of programming basics in another high level language is required. This course may be taken concurrently with other computer science courses.

Credit Hours
0.25

CS-205 LINUX

Course Description
.50 credit Core topics include Linux shell commands, shell scripts and related file systems. Several related topics such as file permission, process handling, system administration tools, and the access of Linux resources via application programs. Prerequisite: CS 220 or one course covering a high-level programming language.

Credit Hours
0.5

CS-220 Computer Science I

Course Description
This course introduces students to algorithms, object-oriented programming and related computer science topics. Primitive and user-defined data types, fundamental control structures, and the use of an integrated development environment of a programming language are studied through programming assignments. Debugging and testing techniques are introduced. An introduction to several computer science concepts, including an introduction to machine representations of data, computer system and processor architectures and related operation, file systems and operating systems. This course is for CS, CGE and IS majors, but is recommended for students in any major who seek to enhance their skill set with knowledge of a programming language. Prerequisite: No prerequisite.

Credit Hours
1

CS-255 Computer Science II

Course Description
Introduction to object-oriented programming language and design concepts are covered, including classes, constructors, destructors, overloading, templates, generics, single inheritance, multiple inheritance, exception handling, streaming, and higher-order functions. The use of objectoriented programming is used to implement data structures, including arrays, vectors, stacks, queues, trees, sets, maps, hash-tables, and graphs. An introduction to algorithmic design and analysis using these data structures are given. Algorithms using the above-mentioned data structures are studied and analyzed as solutions to computational problems, such as sorting, searching, string-pattern, numerical, and optimization problems. Recursion is introduced and utilized in projects. Runtime systems and their memory layouts and how recursion and dynamic memory are implemented in these runtime systems is introduced. Prerequisite: CS 220.

Credit Hours
1

CS-268 Internship

Credit Hours
0.5

CS-292 Independent Study

Credit Hours
0.5

CS-302 DiscreteMathII:Struct&Algorit

Course Description
Mathematical properties and applications of tree structures and graph theory are studied along with related algorithms. Fundamental concepts of discrete probability, including the binomial, negative binomial, Poisson and normal distributions and Bayes' theorem, are presented and used in the context of introductory analysis of algorithms. Computational linear algebra techniques and matrix operations are expressed algorithmically. Computations and algorithms for all topics in this course are implemented with an interpreted translator system, such as Python, Matlab, Octave, or ML.

Credit Hours
1

CS-310 Computer Organization & Prog in Assembly

Course Description
An in-depth study of computer hardware, from the logic gate level up through registers, and CPU devices. Students examine primary and secondary memory and input/output, interrupts, and multiprocessor systems. The course also covers programming hardware using an assembler language and assembler features such as interrupts, internal and external subroutines, conditional assembly and macros real-time programming. Prerequisite: CS 220.

Credit Hours
1

CS-312 Ethics in Digital Technology

Course Description
Students are introduced to the ethical and social issues directly or indirectly related to the use of digital technology and media. The impact and relationship of digital technology regarding the legislative, judicial, and executive of not only U.S. laws, but international legal systems are also studied. Using ethical philosophies students develop their critical thinking skills by providing clear arguments that support their opinion(s) or proposed solution(s) to problems related to conflicting interests listed in, but not limited to, the topics that include: intellectual property and distribution of information; privacy and security issues; free-speech on the global internet versus local morality and political systems; and computer reliability and safety laws. Also covered are legal sanctions for computer crimes; and workplace changes, automation, globalization. Ethical philosophies of Jean-Jacques Rousseau, John Locke, John Stuart Mill, Immanuel Kant, Jeremy Bentham, and John Rawls, are used as a structure for evaluating ethical and moral decisions surrounding problems associated with these topics. The primary ethical philosophies used to evaluate case studies include Act Utilitarianism, Rule Utilitarianism, Kantianism, and Social Contract. Prerequisite: Sophomore or higher standing.

Credit Hours
1

CS-315 Web Design & Development

Course Description
This course will introduce students to the concepts of designing and developing a Web site using the Web Content Management System (CMS) WordPress. Students will learn the structure of HTML5 documents, good markup techniques, and the concept of validation. It will identify issues specific to Web-based presentations, page layout, effective navigation, and delve into the design process. Students will learn about using graphics, color, and fonts on web pages as well as working with tables and CSS. Site management techniques are covered including accessibility issues and working with domains and clients are also discussed. Prerequisite: Sophomore standing or higher.

Credit Hours
1

CS-318 Obj-Oriented Design & Program Using C++

Course Description
Object-oriented concepts are studied, including object as class instantiation, class design techniques and taxonomies, design patterns, single- and multi-inheritance, abstract classes, interfaces, contract programming and exceptions. C++ syntax, semantics and object-oriented design implementations are studied. C++ concepts and implementation of object-oriented design concepts include constructors, destructors, copy constructors, and assignment operators, operator/function overloading, scoping rules, static vs. dynamic bindings, templates, functors and exception handling. Libraries, such as STL, are studied and utilized within projects. Integrated development environment tools for debugging, documenting, testing and configuring software systems are introduced. C++ implementation techniques for implementing concepts such as event-driven, GUI, and multi-threads; library and related frameworks for these concepts are also introduced. Prerequisite(s): CS 255.

Credit Hours
1

CS-320 Data Structures & Algorithmic

Course Description
Algorithm design and asymptotic analysis of algorithms using sequential and parallel computational models are central to this course. Mathematical models and techniques representing the best, worst and average case analysis of covered algorithms are studied throughout the course. The Turing machine computational model and its variations and significance to the computation theory is introduced. Algorithm design techniques include greedy, divide-and-conquer, backtracking, dynamic programming, branch-and-bound, Monte Carlo, genetic, and approximation. Algorithms are studied in the context of the general problem categories of sorting, searching, numbertheoretic, computer vision, machine learning, two-player games, and language recognition and translation. Algorithms are implemented in an object-oriented programming language and related data structures are utilized; they include arrays, vectors, strings, stacks, queues, priority queues (heaps), lists, sets, multi-sets, maps, multi-maps, hash-tables and graphs. Empiricaltiming and memory usage analysis of the concrete program implementations of covered algorithms are included in projects. Computational complexity theory, intractability, and the P, NP, NP-Hard, and NP-complete complexity classes and unsolvable problems are covered and the related concepts are integrated throughout the course. Prerequisites: CS 318 and CS/ MTH 302 or concurrent enrollment in either course.

Credit Hours
1

CS-323 Foundations: Human-Computer Interaction

Course Description
This course introduces the fundamental concepts, theories, and practices of Human-Computer Interaction (HCI). Students will explore how humans interact with technology, the importance of usability and design, and the methods for designing user-centered systems. The course will cover topics such as user interface design, usability evaluation, cognitive psychology in design, and emerging technologies.

Credit Hours
1

CS-351 Foundations of Game Programming

Course Description
Game development for programmers. Creating playable game prototypes with C# and the Unity game engine, from initial sketches and game design documents through implementation, player testing, and improvement based on testing. Core topics include player input and movement, version control with GitHub, triggers, spawning objects, coroutines, and implementing character animations, sound effects, and music. The course focuses on refining game prototypes through feedback from player testing.

Credit Hours
1

Credit Hours
1

CS-360 Computer Network Systems

Course Description
This course introduces the theory of computer network and various types of networks, including local area, wide area and global networks. Theory topics include network architecture, data transmission techniques, network topologies, network media and network security. Students do programming projects that utilize various widely used system platforms and communication protocol apply concepts. Prerequisite: CS 220.

Credit Hours
1

CS-418 Artificial Intelligence

Course Description
An introduction to the fundamentals of artificial intelligence, including problem-solving techniques, search strategies and heuristics, planning, machine learning and knowledge representation. Machine learning includes applying linear regression, logistic regression and several variations of neural net models to computational problems utilized in intelligent systems.First order logic, normal forms, unification, and resolution principles are introduced with applications to problem-solving, theorem proving, logic and atabase theory. Prerequisite: CS 320 or concurrent enrollment.

Credit Hours
1

CS-419 JAVA Programming & Web Development

Course Description
Java syntax and semantics and implementation pragmatics for expressing object-oriented design patterns. Java implementation strategies for web-based applications using event-driven programming, concurrent threads, file I/O and database applications are studied. Documentation and debugging tools are introduced through various Integrated Development Environments. Prerequisite: CS 318 or CS 320 or consent of the instructor.

Credit Hours
1

CS-420 Operating Systems

Course Description
Concepts include tasks and process representations, process coordination and synchronization, concurrent constructs in programming languages, process and job scheduling, performance and monitoring mathematical tools, virtual and physical memory management schemes, file management organization, device management, issues in real-time and distributed operating systems, security issues, and communications and networks. Prerequisites: CS 310 and CS 360. It is highly recommended, although not required, that the student also take CS 205 before taking CS 420.

CS-435 Concepts of Programming Languages

Course Description
A comparative study of programming languages from perspectives of the designer, implementor, and the user is central to this course. Regular grammars, regular expressions, finite state automata, context-free grammars, and push-down automata are studied in the context of building programming language translators. Imperative, object-oriented, functional, and logic language classes are studied. Concepts covered include data and control abstractions, strong and weak typing, static and dynamic scoping, parameter passing and concurrency. Formal specifications and implementation strategies of the concepts are studied. Prerequisites: CS 310, CS 318 and MTH 302.

Credit Hours
1

CS-440 Web Based Applications

Course Description
This course covers ways to create dynamic Web applications using both server side and client side programming. In this course, students will learn web application basics, ASP.NET application fundamentals, validation, basic forms authentication for web-based security, data binding from a data source, creating and consuming web services, session state configuration, and application data caching. Prerequisites: CS 255, or IS 224.

Credit Hours
1

CS-448 Computability, Formal Lang & Automata

Course Description
A presentation of formal models of computation via turing machines, random access machines, and partial recursive functions. Other topics are Godel146s numbering, Church's thesis, unsolvability, context-free grammars, and computational complexity. Prerequisites: MTH 301 and CS 310. Upon request.

Credit Hours
1

CS-451 Intermediate Game Programming

Course Description
Building on foundational skills, this intermediate course explores more complex game development topics using C# and Unity. Students will implement systems such as physics forces, colliders, raycasts, object-oriented programming, and singletons. Additional topics include gameplay balancing, user interfaces, level design, and pathfinding. Students will create playable game prototypes through individual assignments and team projects. The course encourages creative problem-solving and collaboration to improve player experiences.

Credit Hours
1

CS-453 Game Programming Design Patterns

Course Description
Software design patterns and principles for game programming. Software design patterns are tried-and-true solutions to common object-oriented design problems. The goal of this course is to develop the skills to use design patterns effectively for game programming, guided by software design principles. Students will learn when and how to apply software design patterns through practice by designing and implementing game prototypes using Unified Modeling Language (UML) class diagrams and a game engine. Covered design patterns include Strategy, Observer, Decorator, Factory, Command, Template Method, State, Façade, Singleton, and Object Pooling.

Credit Hours
1

CS-455 Serious Game Development

Course Description
This course explores the design and development of serious games?games created for purposes beyond entertainment, such as education, training, health, and persuasion. Students will examine effective game design principles while focusing on how games can drive engagement and facilitate learning. Key topics include gameplay mechanics, storytelling, user experience, and evaluation methods. Students will create playable prototypes of serious games that address real-world challenges, applying theories and methodologies from game design and development. By the end of the course, students will understand how to leverage game mechanics to achieve meaningful outcomes and assess the impact of their designs through player research.

Credit Hours
1

CS-468 Internship

Course Description
Half or full course Students earn credit for computer-related activities performed at a participating company or corporation sites. Normally, only full-time day students are eligible for this course. Prerequisite: consent of the department chair.

Credit Hours
0.5

CS-475 Software Engineering

Course Description
An introduction to professional development, testing and maintenance of large-scale software systems where several stakeholders, software modules, versions, configurations, and/or years are involved. This course satisfies the second portion of the capstone requirement and requires working on a team project. Examples of projects include, but are not limited to the following general software applications or systems: an e-commerce site, information system mobile app, embedded system, and/or real time application. Prerequisite: CS major with senior standing or consent of the instructor.

Credit Hours
0.5

CS-490 Topics in Information Technology

Credit Hours
0.5

CS-492 Independent Study

Course Description
Half or full course

Credit Hours
0.5

CS-495 Honors Independent Research

Course Description
Half course This course affords Honors Program students the opportunity to design and implement a significant research project in the field of computer science culminating in an appropriate public dissemination of the research methods and findings. This course must be taken concurrently with another 300-400 course in the major or minor, facilitating faculty supervision and guidance. Permission of the faculty supervisor and the Director of the Honors Program required prior to registration. Fall Term, January Term, Spring Term, Summer Term.

Credit Hours
0.5

CSD-100 Introduction to Sign Language

Course Description
A beginning course in sign language, emphasizing sign vocabulary, American Sign Language (ASL) syntax, manual alphabet, and situational assessment. Designed for those who need to communicate with non-verbal children and adults.

Credit Hours
0.5

CSD-101 Sign Language I

Course Description
An intermediate course in sign language providing additionalsign vocabulary and ASL syntax. Prerequisite: CSD 100 or consent of instructor.

Credit Hours
0.5

CSD-102 Sign Lang. Seal of Biliteracy

Credit Hours
1

CSD-102 Sign Language II

Course Description
This course focuses on continued development of conversational fluency in American Sign Language, including further training in receptive and expressive skills, fingerspelling, vocabulary building, and grammatical structures. Cultural aspects associated with deaf education, historical treatment of deaf people, and sociological, political, and cultural issues important to the deaf community are addressed. Prerequisite: CSD 101 or consent of instructor.

Credit Hours
1

CSD-200 Intro to Comm Sciences & Disorders

Course Description
A broad introduction to communication sciences and disorders that potentially impact individuals' home life, activities of daily living, academic participation, and employment. Academic and clinical preparation for the profession is addressed. Students engage in guided observations of speech/language therapy sessions. Professional writing skills are also introduced.

Credit Hours
0.5

CSD-205 Clinical Phonetics

Course Description
The study of the International Phonetic Alphabet (IPA) with application for broad and narrow transcription and analysis of normal and disordered speech production. Clinical phonetic transcription skills prepare students for coursework and clinical assignments in communication disorders. Prerequisites: 2nd term sophomore standing, 3.0 GPA

Credit Hours
1

CSD-234 Anatomy/Physiology Spc/Hearing

Course Description
The study of the anatomical and physiological processes related to normal speech production. The respiratory, phonatory, articulatory, and nervous systems are studied in depth. Prerequisite: Second-term sophomore standing. 3.00 GPA.

Credit Hours
1

CSD-237 Linguistics&SocialJusticeSpeechLangHear

Course Description
This course introduces applied linguistics in speech-language pathology. Theories of language development and the components of syntax, morphology, word classes, word structures, and cultural-linguistic variation are addressed to inform clinical practice. This course also meets the requirements of the Social Responsibility tag. Prerequisite: second-term sophomore standing. 3.00 GPA.

Credit Hours
1

CSD-242 Towards Understanding Autism

Course Description
A course on the identification and treatment of individuals with autism. A brief historical overview will be included. Characteristics and learning styles of individuals with autism will be examined.

Credit Hours
1

CSD-339 Intro to Audio: Princ & Mthds

Course Description
The study of the anatomy and physiology of the auditory system and its disorders. Includes instruction and practice in understanding audiograms and audiometric tests and the use of audiometric equipment. Prerequisite: CSD 234, junior standing and 3.20 GPA.

Credit Hours
1

CSD-340 Fluency Disorders

Course Description
A study of fluency, dysfluency, theories of etiology, and current therapeutic approaches in the treatment of stuttering and other fluency disorders. Prerequisite: CSD 237, 3.20 GPA and junior standing.

Credit Hours
0.5

CSD-341 Speech Sound Disorders

Course Description
A study of phonological development combined with a study of phonological and articulatory disorders. Strategies for assessment and remediation are addressed. Prerequisite: CSD 205 and 3.20 GPA.

Credit Hours
1

CSD-344 Speech Science

Course Description
The study of the nature of sound waves, sound transmission, resonance, and filtering. Introduction to speech perception. A review of principles and methods of measuring acoustical phenomena and an introduction to the acoustic theory of speech production. Prerequisites: CSD 205, completed required physical science course and 3.20 GPA.

Credit Hours
1

CSD-345 Prof Writing Speech-Lang Path

Course Description
Designed to increase students'professional writing skills, specifically in the areas of professional correspondence, clinical report writing and academic writing, and to enhance skills of information literacy. Prerequisites: ENG 106, CSD 341, CSD 390 and 3.20 GPA.

Credit Hours
1

CSD-356 Children at Risk

Course Description
This course is an introduction to factors associated with intervention. Fetal development; prenatal, neonatal, and postnatal risk factors; communication, cognitive, and physical characteristics of individuals with syndromes; assessment and remediation of infant nonverbal communication; infant/care giver attachment and interaction; and complementary and alternative medicines are introduced. (This course fulfills an elective requirement in CSD and in the medical humanities minor.)

Credit Hours
1

CSD-376 Principle&MethdMedicalSetSpeechLangPath

Course Description
This course is designed to foster the development of basic skills necessary for serving speech-language clients in medical settings. Through this course, students will examine appropriate communication in healthcare, patient satisfaction, basic infection control, communication with patients, family members, and healthcare professionals, and basic assessment and intervention methods with clients. The culmination of the experience will involve participation in a healthcare simulation involving human patient simulators. Prerequisite: CSD 450. Offered January Term.

Credit Hours
0.5

CSD-378 Beginning Clinical Practicum

Course Description
This course (0.5 credit) includes completion of the 25 hours of required guided observation as set forth by the American Speech-Language-Hearing Association (ASHA). Weekly class meetings will cover effective clinical observation along with basic treatment techniques and procedures, as well as clinic administrative issues, including HIPAA. Students study methods of observing and documenting speech and language behaviors, interpreting diagnostic and treatment information, using materials effectively, developing treatment objectives, and modifying behaviors. Professional writing skills, Essential Functions, and the ASHA Code of Ethics are also addressed. This course meets Standard V-C (2020 Standards and Implementation Procedures for the Certificate of Clinical Competence in Speech-Language Pathology). See www.asha.org

Credit Hours
0.5

CSD-382 GlobalPersComDisabl:CostaRica

Course Description
This course is designed to provide students with a unique opportunity to foster their global experience, knowledge and skills to provide appropriate services to diverse clients. The combination of Spanish classes, cultural excursions, home stays with local families, and clinical services learning activities will foster students' appreciation of culture and linguistic diversity and their ability to provide culturally relevant services. Travel course, Summer Term.

Credit Hours
1

CSD-390 Language Development & Disorders

Course Description
The nature and typical development of language, from birth through adolescence, are studied, along with the etiology, characteristics, prevention, assessment, and treatment of language disorders. Language-related terminology and major theories of language acquisition are addressed. Prerequisites: CSD 237, CSD major or minor, junior status, and 3.2 GPA.

Credit Hours
1

CSD-433 Neurological Bases of Com

Course Description
Designed for students pursuing a degree in the field of allied health. Students will understand the anatomy and physiology of the human brain; neural processes of speech, language and cognition; and the neurological basis for swallowing. Also, students will develop an appreciation for brain-behavior relationships and how they are impacted following an injury to the brain. Prerequisites: CSD 234, complete required biological science course and 3.20 GPA.

Credit Hours
1

CSD-450 BeginPrac: Clinical Methods&Diagnostics

Course Description
Completion of guided clinical observation hours while studying evidence-based principles of assessment and intervention in speech-language pathology. Students study methods of observing and documenting speech and language behaviors, interpreting diagnostic information, developing treatment objectives, and modifying behaviors. Professional writing skills, Essential Functions, and the ASHA Code of Ethics are also addressed. Prerequisites: CSD 200, 205, 237, CSD 390, CSD major, junior status, 3.2 GPA.

Credit Hours
1

CSD-455 Aural Rehabilitation

Course Description
The study of methods involved in person-centered assessment and management of hearing loss. Includes instruction and practice in screening, decision-making, counseling, amplification, auditory training, speechreading, and communication strategies. Prerequisites: CSD 339 and 3.20 GPA.

Credit Hours
1

CSD-476 LangStimulation&EnrichmentExp

Course Description
Students plan age and developmentally appropriate speech-language activities, write a weekly lesson plan documenting the speech-language objectives being targeted and appropriate cueing to be provided, acquire supporting materials, implement the activities, and take data on targeted objectives with populations at off-campus sites. Prerequisites: CSD 390, CSD 450.

Credit Hours
0.5

CSD-477 CAPSTONE:ExpLrng&Assist Clinical Prac

Course Description
Students assist other student clinicians in CSD 500 or 501 in the on-campus clinic. As assistants, students participate in supervised clinical practice, including treatment, data collection, preparation of materials and writing of progress notes and lesson plans. Students may also participate in clinical research. Attendance at seminars on treatment techniques and current topics in speech-language pathology is required. Prerequisites: CSD 390 and CSD 450 with a grade of B- or higher, communication sciences and disorders major, consent of the clinic director, 3.20 GPA.

Credit Hours
0.5

CSD-492 Independent Study

Course Description
Quarter, half or full course Studies may include readings and clinical study or research. Consent of instructor required.

Credit Hours
0.25

CSD-495 Honors Independent Research

Course Description
Half course This course affords Honors Program students the opportunity to design and implement a significant research project in the field of speech-language pathology culminating in an appropriate public dissemination of the research methods and findings. This course must be taken concurrently with another 300-400 course in the major or minor, facilitating faculty supervision and guidance. Permission of the faculty supervisor and the Director of the Honors Program required prior to registration.

Credit Hours
0.5

CSD-500 Clinical Practicum I

Course Description
Students provide assessment and intervention services to pediatric and/or adult clients in the campus clinic in areas such as speech production, receptive language, expressive language, cognitive-communication, fluency, and/or voice disorders. Students use assessment data to construct appropriate intervention plans, develop lesson plans, deliver therapy to address desired goals, and conduct ongoing assessment of client progress. Students administer informal and standardized assessments, interpret assessment information, and write diagnostic and treatment reports.

Credit Hours
0.75

CSD-501 Clinical Practicum II

Course Description
Prerequisite CSD 500. Students provide assessment and intervention services to pediatric and/or adult clients in the campus clinic in areas such as speech production, receptive language, expressive language, cognitive-communication, fluency, voice, swallowing and/or feeding disorders. Students use assessment data to construct appropriate intervention plans, develop lesson plans, deliver therapy to address desired goals, and conduct ongoing assessment of client progress. Students administer informal and standardized assessments, interpret assessment information, and write diagnostic and treatment reports. Students build on their knowledge and skill from CSD 500 to demonstrate a higher level of clinical competence.

Credit Hours
0.75

CSD-502 Clinical Practicum III

Course Description
Prerequisite CSD 501. Students provide assessment and intervention services to pediatric and/or adult clients in the campus clinic in areas such as speech production, receptive language, expressive language, cognitive-communication, fluency, voice, swallowing and/or feeding disorders. Students use assessment data to construct appropriate intervention plans, develop lesson plans, deliver therapy to address desired goals, and conduct ongoing assessment of client progress. Students administer informal and standardized assessments, interpret assessment information, and write diagnostic and treatment reports. Students build on their knowledge and skill from CSD 500 and CSD 501 to achieve a level of competence expected for progression to an off-campus clinical placement.

Credit Hours
0.5

CSD-503 Practicum in Educ Settings Part Time

Course Description
Off-campus supervisor, open only to graduate students who have met all other requirements for initial certification by the Illinois State Board of Education. This course is designed to acquaint the student with practice in an approved educational environment.

Credit Hours
0.5

CSD-504 Practicum Medical Settings Part-Time

Course Description
Off-campus supervisor, graduate medical practicum experience emphasizing planning, conducting therapy programs, obtaining case histories, conferring with other professionals, writing reports, and making recommendations.

Credit Hours
0.5

CSD-505 Intro to Professional ClinicalProcedure

Course Description
Students are required to observe and then assist graduate students enrolled in CSD 502 in the on-campus clinic. Incoming graduate students participate in supervised clinical practice, including planning, treatment, data collection, preparation of materials, and writing of lesson plans and notes. Attendance at weekly class sessions on clinic policy and procedures, diagnostic and treatment techniques, evidence-based practice, and current topics in speech-language pathology is required.

Credit Hours
0.5

CSD-507 Research Methods in CSD

Course Description
Objectives are to help the student understand basic statistical concepts related to test development and interpretation, and research design. Focus will be on the scientific method as a problem-solving process, developing experimental procedures for answering research questions, the process of evidence-based practice, learning to establish and test hypotheses, and summarizing and interpreting data.

Credit Hours
0.75

CSD-509 Lang/LtrcyYngChldAssessTreat

Course Description
Information is provided about disordered communication in children from birth through kindergarten. Course material includes information about important legislation, relation between language and literacy, service delivery models, risk factors, assessment, intervention, needs of families, and specific populations of special needs children. Information for providing early intervention services is provided from related disciplines such as occupational therapy and physical therapy.

Credit Hours
0.75

CSD-510 AdvStdySpeechSoundDisorder

Course Description
This course is designed to build upon the foundational knowledge and skills acquired in the undergraduate-level course in speech sound disorders (SSD). Advanced-level, evidence-based assessment and intervention services will be addressed for a variety of populations including clients with traditional speech sound disorders, inconsistent speech sound disorder, childhood apraxia of speech, hearing loss, and cleft palate. Students will learn strategies for effectively serving clients in our multilingual society.

Credit Hours
0.75

CSD-513 PractcmEducSettng 1/2 Term

Course Description
Off-campus supervisor, open only to graduate students who have met all other requirements for initial certification by the Illinois State Board of Education. This course is designed to acquaint the student with practice in an approved educational environment.

Credit Hours
1.5

CSD-514 PracMedical Settngs 1/2 Term

Course Description
Off-campus supervisor; graduate medical practicum experience emphasizing planning, conducting therapy programs, obtaining case histories, conferring with other professionals, writing reports, and making recommendations.

Credit Hours
1.5

CSD-515 Language Disorders in Adults

Course Description
Students will gain an understanding of the neuroanatomy and neuropathologies as they relate to language functions and disorders of the brain; also includes methods for assessment and treatment of neurogenic language disorders.

Credit Hours
0.75

CSD-516 Lang/LitSchAdolscntDisordrs

Course Description
An in-depth exploration of the etiology, evaluation, and remediation of language and literacy disorders in school-age and adolescent students. Students will study theories of literacies, the developmental reading process, and practical applications for reading across content areas for K-12 grade students. The course includes, includes reading methods and procedures used to develop skills, attitudes, knowledge, and understanding of content area reading material, and modification processes developed to maximize literate practices of all students. This course is designed to meet PEL requirements for Reading Methods and Reading in the Content Areas.

Credit Hours
0.75

CSD-518 Cultural&Ling ResponsiveServices In CSD

Course Description
Students will gain awareness of diverse cultural and linguistic contexts, experiences, and identities and how they influence the delivery and outcomes of speech-language services. Students will understand how clients from various backgrounds are impacted by systems of oppression and the need for advocacy

and empowerment. Students will learn strategies to approach service delivery collaboratively and with an asset-based mindset to deliver assessment, intervention, and counseling services that affirm the values, priorities, modes of communication, and cultural and linguistic backgrounds of individual clients and their families.

Credit Hours
0.75

CSD-519 Neurology

Course Description
This course provides an in-depth overview of neuroanatomy and neurophysiology across the lifespan, and communication disorders and differences of the central nervous system related to speech, language, and cognitive aspects of communication.

Credit Hours
0.75

CSD-521 Dysphagia&Feeding Disorders

Course Description
Review of the mechanics of normal swallowing, disorders of swallowing, etiology and diagnosis, assessment tools and principles and methods of rehabilitation and prevention are addressed in children and adults. Contemporary issues related to dysphagia evaluation and management such as counseling and ethical consideration in evaluation and management was discussed throughout the course.

Credit Hours
0.75

CSD-522 Altrnativ/AugmntativCommun

Course Description
Introduction to the process of clinical evaluation and treatment of individuals who have complex communication needs; covers augmentative and alternative communication systems, assessment, and treatment methods.

Credit Hours
0.75

CSD-523 PractcmEducSettngs Full-Term

Course Description
Off-campus supervisor, open only to graduate students who have met all other requirements for initial certification by the Illinois State Board of Education. This course is designed to acquaint the student with practice in an approved educational environment.

Credit Hours
3.5

CSD-524 PractcmMed Settngs Full-Term

Course Description
Off-campus supervisor; graduate medical practicum experience emphasizing planning, conducting therapy programs, obtaining case histories, conferring with other professionals, writing reports, and making recommendations.

Credit Hours
3.5

CSD-525 PublicSch Mthds Diverse Soc

Course Description
Issues and professional responsibilities related to speech-language pathology in the public schools.

Credit Hours
0.5

CSD-526 Voice Disorders

Course Description
A study of the etiology, symptomatology and treatment procedures for voice disorders, including those that result from laryngeal pathologies. This course is also designed to provide students with a practical foundation in the area of craniofacial anomalies, specifically, etiologies, embryology, genetics, impact of anomalies on speech, assessment procedures, and intervention techniques.

Credit Hours
0.5

CSD-527 Fluency Disorders

Course Description
Overview of theories and etiologies of disfluencies; assessment of children and adults; remediation techniques and procedures for adults and children; consideration of fluency-enhancing electronic devices and fluency-enhancing pharmaceuticals.

Credit Hours
0.5

CSD-528 MotorSpcDsordrsAcrosLifespn

Course Description
This course will cover basic principles and current theories of speech motor control, including biological and neurological aspects. The etiology and characteristics of the different dysarthria subtypes, as well as apraxia of speech, including anatomic, physiologic, aerodynamic and acoustic features will be examined. Principles and methods of assessment and intervention in motor speech disorders will be discussed. Finally, evidence-based practice will be applied to real world scenarios.

Credit Hours
0.75

CSD-530 Master Thesis Spch-Lang Path

Course Description
Research in communication sciences and disorders culminating in a written research paper and oral defense. Repeatable for credit.

Credit Hours
0.25

CSD-585 MulidimenOfFluenDisor:Res&Bes

Credit Hours
0.5

CSD-586 Multicul&mulilingissuincsd:research&best

Course Description
Students will extend knowledge and skill about cultural and linguistic diversity as acquired in the regular graduate curriculum to cultivate advanced-level knowledge and skill in ethical and evidence-based research, assessment and intervention with multicultural and multilingual populations. The course requires completion of a research paper and presentation.

Credit Hours
0.5

CSD-587 Bilingual Assessment in Public School SE

Course Description
This course is an adaptation of MTL 587 Assessment of English Language Learners. It is intended for speech-language pathologists who earn the PEL and are pursuing ISBE Bilingual Special Education Approval, Option 4; specifically, this course is designed to fulfill the assessment of the bilingual student course component for this approval. The course will focus on the discussion of basic principles and current approaches to assessment of bilingual students in PK-12 educational settings, including the policies, procedures, and issues that inform the assessment of bilingual students. Students will learn about the different purposes of process and product assessment tools, authentic and curriculum-based forms of assessment, issues in the assessment of bilingual students, and assessment of academic content knowledge. Students will have opportunities to examine critically and practice administering assessment tools used in current educational contexts. Students will learn to identify language needs and how to differentiate them from developmental needs. This course requires field experience hours in a classroom with bilingual students.

Credit Hours
0.75

CSD-592 Independent Study

Course Description
Independent Study

Credit Hours
0.25

CYS-405 Cryptography

Course Description
Examines the technology and methodology for protecting information to ensure its integrity, confidentiality and authenticity. It covers the foundation of cryptography, modern cryptographic protocols, algorithms and implementation issues. Also included are topics in private and public key cryptography, block ciphers, pseudorandom functions, encryption standards, message authentication, digital signatures and key management.Prerequisite: CS/MTH 302.

Credit Hours
1

CYS-409 FoundatnInformationAssurance

Course Description
Explores the threats and risks prevalent in today's organizations as a result of the pervasive use of technology. Students learn risk evaluation techniques and identify security and control techniques to minimize the potential of a security breach. Prerequisite: junior or higher standing.

Credit Hours
1

CYS-410 Cyber Crime Investigations & Forensics

Course Description
Explores the use of intrusion detection methodologies, CSI hardware and software tools, and approaches to computer crime incident response. Computer forensic principles, including operating system concepts, registry structures, file system concepts, boot processes and file operations are examined. This course also includes an overview of the theory and techniques utilized for tracking attackers across the Internet. Practical exercises are drawn from case studies of Internet-based crimes. Prerequisite: CS 205 and CS 420.

Credit Hours
1

CYS-412 WirelessMobile&CloudSecurity

Course Description
The ongoing need for fast, versatile and more powerful communication systems has accelerated the growth of wireless, mobile and cloud computing. In many cases, securing these emerging platforms is an afterthought, thus leaving critical systems to prey onto invidious cyber-attacks. This course examines a broad range of contemporary techniques to support and maintain operational integrity and data protection within each modality. Prerequisite: CS 360

Credit Hours
1

CYS-415 Ethical Hacking & PenetrationTesting

Course Description
Cyber security professionals have a unique responsibility to find and understand an organization's vulnerabilities, and to work to mitigate their threat. This course will teach students how to perform reconnaissance by studying a target's infrastructure through data mining blogs and social networking sites. Students

will be immersed in an interactive lab environment where they will be shown how to scan, test, hack, and secure systems from an ethical perspective using various tools, techniques, and methodologies for network penetration testing. Prerequisite: CYS 409 and either CYS 410 or CYS 412

Credit Hours

1

DM-201 Coding for Creatives

Course Description

This beginner programming course teaches students the essential knowledge and skills necessary for creating code-based audiovisual expression and interactive systems. It examines the core principles, logics, and processes of software with a focus on screen-based media like games and animation. Students analyze algorithm- and code-based art and design, complete a series of projects using p5.js or similar software development tool, and participate in regular critique sessions. By the end of the course, students will be able to read and write code and will possess the conceptual, critical, and practical foundations for harnessing the rich possibilities of computation for digital media.

Credit Hours

1

DM-250 Computer 3D Modeling

Course Description

This course will introduce students to the basic tools and techniques used in 3D production, using the industry standard software package, such as Maya. Students will be taken on an in-depth tour of the workplace, including navigation and customization. The course will lead students through all aspects of the production pipeline, including object creation and modeling basics, surface mapping techniques, texturing and shading, character rigging, animation. and lastly lighting and rendering. Prerequisite: ART 113.

Credit Hours

1

DM-295 Introduction to Film Studies

Course Description

Students will be introduced to the history of cinema and various types of film analysis. Students will examine films from a filmmaking perspective, analyzing elements such as writing, cinematography, and sound, as well as from a theoretical perspective, examining films through various lenses which may include, but are not limited to: feminism, Marxism, queer theory, psychoanalytics, and genre studies. Students will be introduced to filmmakers from around the world and will study films ranging from the birth of cinema to contemporary blockbusters. Students will examine the impact new technology has had on filmmaking as well as how filmmaking has created new technologies used beyond the world of cinema.Prerequisite: ENG 105

Credit Hours

1

DM-296 Digital Animation Principles

Course Description

Students will be introduced to the fundamentals of animation including hand-drawn, stopmotion, 2D, and 3D tools and techniques. Students will also learn about the history of animation as well as how it was impacted by and continues to be impacted by emerging technologies. Students will discover the numerous roles that animation plays in the media world from narrative film to digital game design to motion graphics for web design and commercial productions. Prerequisite: ART 113

Credit Hours

1

DM-298 StoryStructures:LitFilmMedia

Course Description

What makes a good story? This class will examine the fundamental principles of effective storytelling in literature, film, television, and other media. Students will study Aristotle's "Poetics" and see how much of what he described centuries ago still applies to contemporary storytelling, such as character, plot, and theme. While examining literature, film and television, students will learn traditional three-act structure as well as alternative structures such as the ensemble, non-linear, dual-protagonist, and experimental. Pre-Requisite: ENG 105

Credit Hours

1

DM-299 Digital Storytelling

Course Description

Students will be introduced to various areas within the world of digital media, which may include but are not limited to: filmmaking, screenwriting, animation, game design, virtual reality, broadcast journalism, motion graphics, documentary production, sound design, cinematography, video editing, audio recording, and more. Students will learn history and theory within each area and will then put it into practice in a series of production based projects. Students will be able to create projects using numerous software applications used in the media fields.

Credit Hours

1

DM-300 Special Topics in Digital Media

Course Description

This course will focus on a specific topic in the field of digital media. Topics will vary from semester to semester.

Credit Hours

1

DM-301 Cinema and the Soul

Course Description

Students in this course will analyze various depictions of the human soul in cinema and other forms of art. Students will watch films that challenge the viewer to ask questions about topics including but not limited to: human existence, conciousness, the existence of a soul, fate, the concept of an oversoul, the ethics of artificial intelligence, spirituality, and other questions related to the human experience. Students will reflect on their own beliefs and will explore how they can create stories that encourage aduiences to ponder deeper questions about life.

Credit Hours
1

DM-305 Introduction to Digital Cinema

Course Description
This course introduces students to the step-by-step process of making a short narrative film. Students will learn how to turn their ideas into a short screenplay. They will take that screenplay and make a practical production plan around it. They will learn shooting strategies and techniques. Finally, they will learn the basics of editing and assemble their rough elements into a final cut. The course will conclude with a screening of all of the students' short films.

Credit Hours
1

DM-312 Ethics in Digital Technology

Course Description
Students are introduced to the ethical and social issues directly or indirectly related to the use of digital technology and media. The impact and relationship of digital technology regarding the legislative, judicial, and execution of not only U.S. laws, but international legal systems are also studied. Using ethical philosophies students develop their critical thinking skills by providing clear arguments that support their opinion(s) or proposed solution(s) to problems related to conflicting interests listed in---but not limited to---the topics that include: intellectual property and distribution of information; privacy and security issues; free-speech on the global Internet versus local morality and political systems; and computer reliability and safety laws. Also covered is legal sanctions for computer crimes; and workplace changes, automation, globalization. Ethical philosophies of Jean-Jacques Rousseau, John Locke, John Stuart Mill, Immanuel Kant, Jeremy Bentham, and John Rawls, are used as a structure for evaluating ethical and moral decisions surrounding problems associated with these topics. The primary ethical philosophies used to evaluate case studies include Act Utilitarianism, Rule Utilitarianism, Kantianism, and Social Contract. Prerequisite: At least Sophomore Standing.

Credit Hours
1

DM-313 Ethics in Media

Course Description
Media is a prominent means by which we inform, entertain, and connect. As such, it has an outsized power to shape public perception, influence behavior, and drive societal change; understanding its ethical implications is crucial. This course offers a survey of the ethical considerations that arise in media including but not limited to film and television, games, social media, journalism, advertising, and online content creation. Students will engage with key ethical theories and apply them to contemporary topics that may include misinformation, privacy, algorithms, AI, depictions of sensitive subjects, addictive design, and intellectual property. Through discussions, debates, and reflective assignments, students will develop critical skills to navigate media?s complex moral landscape.

Credit Hours
1

DM-317 Introduction to Screenwriting

Course Description
This course will introduce students to the world of screenwriting. Students will learn the difference between writing feature films, episodice shows, web series, and more. Students will read examples of well written screenplays to learn about structure, character development, theme, and dialogue writing. Students will learn proper screenplay format as well as how to write visually. Students in this class will each write a short original screenplay. Pre-Requisite: ENG 106

Credit Hours
1

DM-322 Media For Social Change

Course Description
Students in this course will view and analyze various examples of how media can be used to create social change. Students will examine the impact that media can make both on a local and a global level. Students will have the opportunity to work in collaboration with a community partner to create original pieces of digital media for social change while gaining hands on media making experience outside of the classroom.

Credit Hours
1

DM-375 Digital Media Practicum

Course Description
This is an applied course in digital media designed to teach the skills needed to produce digital media in a variety of formats. A minimum of five hours of activity per week is required.

Credit Hours
0.25

DM-398 Game & Animation Concept Art

Course Description
Students in this course will develop an original concept for a digital game or animated media. They will design the environment, characters, and props required to create the world needed for their game or animation. The relationship between visual design and storytelling will also be emphasized. Upon completion of the course, students will have a pitch and all accompanying concept art for an original game or animated film or television show. Prerequisite: ART 113 and CGE 250.

Credit Hours
1

DM-399 Introduction to Video Editing

Course Description
Editing is often called the final step in the rewriting process as, in post-production, the editor decides what to keep, what to cut, and what the audience will wind up seeing whether it is a film, a commercial, or a news segment. Students will be introduced to basic editing tools, techniques, and software for video editing while gaining an understanding of the role editing played in the evolution of cinema and visual storytelling.

Credit Hours
1

DM-417 Advanced Writing for Film & Television

Course Description
Students will write a complete original feature-length screenplay or the "pilot" (first) episode of an idea for an original television show along with an outline for the story arcs of the complete first season. The product written in this class will serve as a portfolio piece that can be sent to agents, managers, and producers. The writers in this class will learn about the business side of becoming a screenwriter including but not limited to: how to obstain representation, how to pitch, how to approach rewriting, and techniques and strategies to use when hired to write on assignment. Prerequisites: DM/ENG 317, DM/ENG 298

Credit Hours
1

DM-450 Cinematography

Course Description
In this class, students will explore the craft, technologies, and visual design principles of the art of cinematography. Students will gain an understanding and a basic pragmatic knowledge of digital camera usage, lighting techniques, composition, focus, color, camera movement, lenses, and camera support. Through a mixture of hands-on exercises and projects, demonstrations of lighting and camera equipment, and lectures and screenings of selected film clips, students will learn to control the aesthetic elements in their filmmaking to tell impactful visual stories.

Credit Hours
1

DM-451 The Art of Music Video Production

Course Description
Music videos are an art form unto themselves, combining elements of narrative filmmaking, performance, choreography, style, the artist's brand, and experimental cinema to create an experience unlike any other. This class will focus equally on the analysis and art of music videos and the production process. Students will perform short in-class exercises to illustrate how different videos are filmed, with an eye toward crafting a complete music video by the end of the term.

Credit Hours
1

DM-492 Independent Study

Credit Hours
0.5

DM-495 Honors Independent Research

Course Description
This course gives Honors Program students the opportunity to design and implement a significant research project in the field of English, culminating in an appropriate public dissemination of research methods and findings. This research must build upon previous coursework taken within the major or minor, facilitating faculty supervision and guidance. Repeatable for credit. Permission of the faculty supervisor and the director of the Honors Program required prior to registration.

Credit Hours
0.5

DM-497 Adv Film & Media Production

Course Description
Students will build upon their existing film and media production skills while also learning new tools, techniques, and processes. Students will go through all the steps of the creative process, from idea generation to pre-production through production and post-production as they create an original piece of new media. Projects may include but are not limited to short narrative films, short documentaries, short stop-motion animation films, web series, and commercials. Students will participate in collaboration by serving in various crew positions on their peers' projects. The class will end with a public screening of all of the projects. Prerequisite: DM-305

Credit Hours
1

DM-499 Digital Media Capstone & Portfolio Dev

Course Description
This course is designed for students who are in their final year of study in the B.A. Digital Media degree. Students should enter the course with at least three pieces of digital media and/or media writing in their portfolios. Pieces may come from a variety of digital media disciplines including, but not limited to: narrative film, animation, game design, screenwriting, documentary, commercial production, cinematography, editing, and audio design. Students will reflect on their work to identify the themes that connect their pieces. Students will also be asked to explore the role of art and media in society and the contributions they hope to make as content creators. Students will produce a new piece of media that demonstrates both their media skills as well as reflects the themes they wish to pursue as an artist and profssional. Students will polish their portfolio pieces and will host them on a personal website that showcases their unique point of view, style, and voice. Prerequisite: Students must be in their final year of the program, it is recommended that students take this course during the final semester of the program if possible.

Credit Hours
1

DMS-300 Intro. to Sonography & Patient Care

Course Description
An introduction to the fundamental responsibilities and considerations of the diagnostic medical sonography professional. Topics include; the history of diagnostic medical sonography, sonographic terminology, knobology, biomechanics, ergonomics, scope of practice, accreditation processes, medical ethics, medical law, maintaining health records, pharmacology, infection control, patient transfer methods, obtaining patient history, and vital signs.

Credit Hours
0.5

DMS-301 Fundamentals of Sonography

Course Description
.75 credit Orientation to basic scanning techniques, instrumentation, acoustic energy, and anatomy and image identification. Students will learn to identify sonographic anatomy and acceptable image parameters and to correlate this information to specific procedures. Students will practice scan to achieve basic skills needed in the clinical setting. This course must be passed prior to continuing in the DMS program. Prerequisite: Acceptance into the DMS program or consent of Program Director.

Credit Hours
0.75

DMS-302 Mgt & Mthds Patient Care

Course Description
.25 credit Introduction to the basics of nursing techniques, medical professionalism, and patient care. Topics covered include nursing procedures, medical emergencies, ethics, confidentiality, HIPAA, hospital saftey, informed consent, conscious sedation, patient transfer, infection control, professional development and certification, departmental organization and administration, QA/QC, and an introduction to hospital administration. Prerequisite: Acceptance into the DMS program.

Credit Hours
0.25

DMS-303 Cellular Pathophysiology

Course Description
The course is presented in two parts: general pathology and neoplasia. The general pathology component introduces basic disease concepts, theories of disease causation and system-by-system pathophysiologic disorders most frequently encountered in clinical practice. The neoplasia component provides an in-depth study of new and abnormal development of cells. Prerequisite: Acceptance into the DMS program.

Credit Hours
0.5

DMS-304 Section Anat for Sonographer

Course Description
Study of human anatomy in the transverse, longitudinal, and coronal planes. Emphasis on the organs in the abdomen, pelvis, thorax, and neck. Demonstration of how these structures appear on ultrasound scans, computerized tomography, and MRI. Prerequisite: Acceptance into the DMS program.

Credit Hours
0.5

DMS-305 Abdomen Sonography

Course Description
Study of normal anatomy and sonographic appearances of abdominal structures and superficial structures. Normal variants, congenital anomalies, physiology, and related laboratory tests are covered. Sonographic methods used to visualize abdominal structures and organs. Includes laboratory section on basic scanning techniques. Prerequisite: Acceptance into the DMS program.

Credit Hours
1

DMS-306 OB-GYN Sonography

Course Description
Study of obstetrical and gynecological anatomy. Clinical applications and sonographic methods used to visualize pelvic organs, the pregnant uterus, and related structures. Discussion of embryogenesis and the reproductive cycle.Study of normal sonographic patterns. Prerequisite: Acceptance into the DMS program.

Credit Hours
0.75

DMS-307 Clinical Education I

Course Description
Application of sonographic scanning procedures in a hospital setting under the supervision of a qualified registered diagnostic sonographer. Emphasis on liver, GB, pancreas, gallbladder, obstetrics, and pelvic areas. Prerequisite: Acceptance into the DMS program.

Credit Hours
0.75

DMS-308 Ultrasound Physics I

Course Description
Introduction and study of the fundamental principles of diagnostic ultrasound physics. Study of acoustic energy and diagnostic ultrasound equipment instrumentation, artifacts and quality control. Prerequisite: Acceptance into the DMS program or consent of Program Director.

Credit Hours
0.75

DMS-309 OB-GYN Pathology

Course Description
Study of obstetrical and gynecological pathology. Instrumentation and techniques for optimization of sonographic obstetrical and gynecological images are reviewed. Comparison of normal sonographic patterns with pathology appearances, physiology, differentials, and correlation with lab tests and related organ involvement. Discussion and correlation of congenital abnormalities, causes, and sonographic appearances. Prerequisite: OB-GYN Sonography

Credit Hours
1

DMS-310 Abdomen Pathology

Course Description
Study of abdominal anatomy, breast, and thyroid pathologies and sonographic patterns. Comparison of normal sonographic patterns with pathology appearances, physiology, differentials, and related organ involvement. Correlation of relevant laboratory data, clinical symptoms with pathologies. Discussion of pediatric pathologies. Prerequisite: Abdomen Sonography.

Credit Hours
0.75

DMS-311 Clinical Education II

Course Description
This course emphasizes clinical experience progression under the supervision of faculty, sonography staff, and clinical instructor. Continued practicum in the clinical applications of abdominal sonography, female pelvis, and obstetricalapplications. Effective communication, operation of equipment, patient care, and technical skills developed. Prerequisite: Clinical Education I.

Credit Hours
0.75

DMS-312 Ultrasound Physics II

Course Description
Continuation of the study of principles of diagnostic ultrasound physics, including artifacts, Doppler, 3D, harmonic imaging, contrast agents, bioeffects and safety. Prerequisite: Physics I or consent of Program Director.

Credit Hours
0.5

DMS-313 Image Critique

Course Description
Study of image critique, technical factors, and sonographic interpretation. Review of sonographic terminology, image quality factors, scanning protocols and techniques, and normal sonographic appearances of abdominal, OB-GYN, and vascular structures. Integration of clinical history and pathology in the interpretation of pathologic sonograms and Doppler data. Prerequisite: Abdomen Pathology, OB-GYN Pathology.

Credit Hours
0.25

DMS-314 Clinical Education III

Course Description
The student begins to demonstrate full competency in various exams and advances toward more independent scanning under the supervision of sonography staff and clinical instructor. Emphasis remains on abdominal, small parts, and obstetrical-gynecological sonography. The student will have an opportunity to refine skills and increase self-confidence through progressively more independent scanning. Overview of hospital operations, including billing, continuous quality improvement (CQI), Human Resources topics and budgets. Prerequisite: Clinical Education II.

Credit Hours
0.5

DMS-315 Intro Pediat&Vascular Imagng

Course Description
Discussion of pediatric and neonatal anatomy and imaging techniques. Newborn neurosonography and pathologies are reviewed. Basic adult vascular imaging is discussed, including peripheral vasculature and carotid artery anatomy and pathology. Imaging techniques, protocols, spectral and colorflow Doppler interrogation and interpretation are reviewed. Peripheral venous and carotid imaging is performed in a laboratory setting. Prerequisite: Abdomen Sonography, Physics II.

Credit Hours
0.25

DMS-316 Specialty Sonography

Course Description
Study of abdominal, superficial parts, newborn, and invasive procedures. Areas studied include neonatal procedures, breast and prostate pathology, transplants, GI tract, soft tissues, musculoskeletal, and invasive procedures. Presentation of pathologic processes, sonographic appearances, and clinicalhistory correlation. Prerequisite: Abdomen Sonography.

Credit Hours
0.5

DMS-317 Clinical Education IV

Course Description
In this final period of clinical study, the student demonstrates full competency and progresses to full independence under the supervision of sonography staff and clinical instructor. Emphasis on accuracy and efficiency in pathology identification, diagnosis, and related organ involvement documentation. Rotations in the practice of peripheral vascular exams, pediatrics, breast imaging, and other specialties within the field may be arranged. Prerequisite: Clinical Education III.

Credit Hours
1

DMS-318 Registry Review

Course Description
Comprehensive registry reviews for the ARDMS examinations. Practice exams and mock registries are an integral part of this review. Applications for registry examinations are provided and reviewed. Prerequisite: Abdomen Pathology, OB-GYN Pathology, Specialty Sonography, Physics I & II.

Credit Hours
0.5

DMS-320 Abdominal Sonography I

Course Description
The first of a multi-course sequence covering normal anatomy, physiology, and pathology of the abdominal organs and superficial structures. Emphasis will be placed on the sonographic features, clinical presentation, and scan protocol of the great vessels, liver, biliary system, pancreas, gastrointestinal tract, and the abdominal wall.

Credit Hours
0.5

DMS-321 Abdominal Sonography I Lab

Course Description
Application of ultrasound scan techniques and imaging protocols of the great vessels, liver, pancreas, biliary system and pleural space.

Credit Hours
0.25

DMS-322 Abdominal Sonography II

Course Description
The continuation of DMS 320 with the introduction of the anatomy, physiology, pathology, and pathophysiology of the spleen, thyroid, urinary system, retroperitoneum, scrotum, prostate, and the musculoskeletal system. An emphasis will be placed on the sonographic features, clinical presentations, and scan protocols.

Credit Hours
0.75

DMS-323 Abdominal Sonography II Lab

Course Description
Application of ultrasound scan techniques and imaging protocols of the spleen, thyroid, urinary system, prostate, salivary glands, Achilles? tendon, water bath scanning, stand-off pads.

Credit Hours
0.25

DMS-330 Obstetrics and Gynecology Sonography I

Course Description
The first of a multi-course sequence covering the normal anatomy, physiology, pathology, and pathophysiology of the female pelvis including embryology and first trimester fetal development, fetal anomalies, and the management of maternal and fetal disease from the sonographic assessment perspective.

Credit Hours
0.5

DMS-331 Obstetrics & Gynecology Sonography I Lab

Course Description
Application of ultrasound scan techniques and imaging protocols of the female pelvis including the vagina, cervix, uterus, ovaries, and adnexa.

Credit Hours
0.25

DMS-332 Obstetrics and Gynecology Sonography II

Course Description
The continuation of DMS 330 with the introduction of the normal anatomy, anomalies, pathology, and pathophysiology of the developing human fetus and female pelvis in the second and third trimester. Emphasis will be placed on the sonographic features, clinical presentations, and scan protocols.

Credit Hours
0.75

DMS-333 Obstetrics/Gynecology Sonography II Lab

Course Description
Application of ultrasound scan techniques and imaging protocols of the gravid female pelvis.

Credit Hours
0.25

DMS-350 Vascular Sonography I

Course Description
The first of a multi-course sequence assessing the anatomy, pathology, and related hemodynamics of the vascular system from the sonographic imaging perspective. Pathology, clinical signs, and systems, applicable laboratory values, pathophysiology, and differential diagnosis will be presented.

Credit Hours
0.5

DMS-351 Vascular Sonography I Lab

Course Description
Application of ultrasound scan techniques and imaging protocols of the upper and lower extremity arterial systems and the extracranial duplex.

Credit Hours
0.25

DMS-352 Vascular Sonography II

Course Description
The second of a multi-course sequence assessing the anatomy, pathology, and related hemodynamics of the vascular system from the sonographic imaging perspective. Pathology, clinical signs, and systems, applicable laboratory values, pathophysiology, and differential diagnosis will be presented.

Credit Hours
0.5

DMS-353 Vascular Sonography II Lab

Course Description
Application of ultrasound scan techniques and imaging protocols of the upper and lower extremity venous systems, liver Doppler, and renal Doppler.

Credit Hours
0.5

DMS-360 Pediatric and Breast Sonography

Course Description
An introduction to the anatomy, anomalies, pathology, and pathophysiology of the pediatric abdomen, pediatric gastrointestinal tract, neonatal spine, infant hips, neurosonography, and breast. Comparative diagnostic imaging modality relating to anatomy and pathology of the breast will also be reviewed.

Credit Hours
0.25

DMS-370 Sonography Principles/ Instrumentation I

Course Description
An introduction to the fundamentals and characteristics of physics principles applied in the use of diagnostic medical sonography. Basic theories of physics and instrumentation are discussed and reviewed with an emphasis on clinical application including; sound wave parameters, pulsed waves, intensity, interactions of sound waves and media, range equation, transducer construction, beam focusing, axial resolution, lateral resolution, and two-dimensional imaging.

Credit Hours
0.5

DMS-371 Sonography Principles/ Instrumentation II

Course Description
The continuation of DMS 371 with the introduction of advanced theories of physics and instrumentation including; Doppler physics, hemodynamics, dynamic range, image artifacts, contrast agents, and real-time imaging.

Credit Hours
0.5

DMS-372 Sonography Principles/Instru. III

Course Description
The continuation of DMS 371 with the introduction to optimizing the Doppler image, quality assurance, bioeffects, and ultrasound artifacts.

Credit Hours
0.25

DMS-380 Diagnostic Medical Sonography Seminar

Course Description
This course presents an integrated coverage of ultrasound topics, as related to image production and evaluation, ultrasound procedures, and patient care and management. Emphasis is placed on the development of skills, attitudes, and knowledge necessary to exercise independent judgment and discretion in the performance of ultrasound imaging procedures.

Credit Hours
0.5

DMS-382 Professional Research

Course Description
This course emphasizes both research and accreditation procedures of a sonography program with original research presented using oral and graphic methods as a group project.

Credit Hours
0.5

DMS-390 Clinical Education I

Course Description
Practical implementation of the sonographic imaging and patient care process in a clinical setting where students will observe, assist, and perform a variety of sonographic examinations and procedures under the guidance of a registered diagnostic sonographer. Emphasis will be placed on abdomen, superficial structures, obstetric, gynecology, and vascular exams.

Credit Hours
0.75

DMS-391 Clinical Education II

Course Description
Practical implementation of the sonographic imaging and patient care process in a clinical setting where students will observe, assist, and perform a variety of sonographic examinations under the guidance of a registered diagnostic sonographer. Emphasis will be placed on abdomen, superficial structures, obstetric, gynecology, and vascular exams.

Credit Hours
0.75

DMS-392 Clinical Education III

Course Description
A continuation of DMS 391 that builds on the practical implementation of the sonographic imaging and patient care processes in a clinical setting where student observe, assist, and perform a variety of sonographic examinations under the guidance of a registered diagnostic sonographer. Emphasis will be placed on abdomen, superficial structures, obstetric, gynecology, and vascular exams.

Credit Hours
0.75

DMS-393 Clinical Education IV

Course Description
A continuation of DMS 392 that builds on the practical implementation of the sonographic imaging and patient care processes in a clinical setting where student observe, assist, and perform a variety of sonographic examinations under the guidance of a registered diagnostic sonographer. Emphasis will be placed on abdomen, superficial structures, obstetric, gynecology, and vascular exams. The opportunity to rotate through specialty clinics will present including; pediatric, musculoskeletal, breast, interventional radiology, and the vascular lab.

Credit Hours
1

ECO-210 Principles of Microeconomics

Course Description
An introduction to how individuals, firms, and markets interact in determining the allocation of resources with applications of the economic theory of human behavior. No prerequisite. Open to all students.

Credit Hours
1

ECO-211 Principles of Macroeconomics

Course Description
An introduction to national income theory, the process of the creation and control of the money supply, and fiscal and monetary policy, and international economics. No prerequisite. Open to all students.

Credit Hours
1

ECO-314 International Economics

Course Description
Gains from an international economy, barriers to international trade, international monetary systems, and analysis of economic problems such as economic development, balance of payment deficits, and regional economic integration. Prerequisites: ECO 210 and 211 and MTH 126 or 151 or equivalent.

Credit Hours
1

ECO-410 Money and Banking

Course Description
The role of commercial banks and the Federal Reserve System in the creation and control of the money supply; analysis of the relationship between the money supply, level of economic activity, price level, and interest rates; and the role of monetary policy in economic stabilization. Prerequisites: ECO 210, 211 and MTH 151 or 126 or equivalent.

Credit Hours
1

ECO-414 Microeconomics

Course Description
A study of the role of the pricing of products and productive services in the operation of the economy. Consideration is given to the issues of efficiency, monopoly, inequality, consumer welfare, and an application of economic analysis to a variety of policy issues. Prerequisites: ECO 210, 211 and MTH 151 or MTH 162 or equivalent. Fall Term: Day.

Credit Hours
1

ECO-416 Macroeconomics

Course Description
Theories of national income determination and its fluctuations, economic stabilization policies, and economic growth. Prerequisites: ECO 210, 211 and MTH 151 or 126.

Credit Hours
1

ECO-418 Adv Statistics/Econometrics

Course Description
Statistical analysis using multiple regression, time series and advanced forecasting techniques in business and economic applications. Prerequisite: MTH 345 or MTH 346 or PSY 355 with a C or higher. Cross-listed with MTH 348.

Credit Hours
1

ECO-419 Seminar in Special Topics

Course Description
A seminar designed to give faculty and advanced students in economics an opportunity to study current theoretical developments, issues, and policies in economics. Specific topics vary with the interests of faculty and students.

Credit Hours
1

ECO-492 Independent Study

Course Description
Reading and research open to juniors and seniors majoring in economics and other majors who have a background adequate for research on problems with important economic content. Approval of the director of Economics is required.

Credit Hours
0.5

ECO-495 Honors Independent Research

Course Description
Half course This course affords Honors Program students the opportunity to design and implement a significant research project in the field of economics culminating in an appropriate public dissemination of the research methods and findings. This course must be taken concurrently with another 300-400 course in

the major or minor, facilitating faculty supervision and guidance. Permission of the faculty supervisor and the Director of the Honors Program required prior to registration. Fall Term, January Term, Spring Term, Summer Term.

Credit Hours
0.5

EDU-104 Cultural Foundatns Educ U.S.

Course Description
An introduction to cultural and systemic aspects of education in the United States, where we examine ideological, theoretical and conceptual aspects of schooling through legal structures, fiction and non-fiction American literature, as well as philosophical writings. This course places emphasis on understanding education as a part of American society that includes cultural, historical, social, political, legal, racial and socioeconomic structures. Students will interrogate the culture of American education since its inception and ultimately locate their own educational agenda as teachers and United States citizens of American society.

Credit Hours
1

EDU-121 Prctcm:Mntor,PeerCoach&Tutor

Course Description
Students will participate in peer coaching, mentoring, or tutoring field experiences supervised by a faculty member in the Department of Education and learn the skills needed to effectively support the learning and development of students from diverse backgrounds and age levels. A minimum of 30 hours is required for a full course. Pass/No Pass grading. Permission of the supervising professor will be required.

Credit Hours
0.25

EDU-223 PK-12Learnrs/Exceptionalities

Course Description
An introduction to the characteristics of children with cognitive, social, emotional and physical disabilities and educational principles applicable to them. Includes educational principles, methods and materials that may be useful in meeting the varying needs of learners with disabilities. This course is for students who are not yet enrolled in an education program or for students who plan to get a degree in communication sciences and disorders.

Credit Hours
1

EDU-311 Educational Psychology

Course Description
An introduction to the psychological principles and theories of human development, learning, and motivation in K-12 educational settings. Includes the study of educational research, child and adolescent development, developmentally appropriate and instructional best practices, individual differences, learning environment, and assessment. Prerequisite: ENG 106, EDU 104 and sophomore standing.

Credit Hours
1

EDU-322 Literacy Fundamentals

Course Description
This self-paced asynchronous course explores the foundations of phonics including the alphabetic principle, letter-sound correspondence, spelling patterns, and more advanced phonics skills such as syllable division and morphology. The sound-symbol correspondence of language and the relationship between phonemic awareness and the phonological system of language will be studied. Students will be expected to design and model explicit and systematic phonics instruction based on student assessment data. Research based instructional strategies for incorporating multi-sensory approaches and utilizing decodable texts will also be studied.

Credit Hours
0.5

EDU-328 Inclusive Texts for Pre-K-12 Classrooms

Course Description
A study of children's and young adult's literature and texts (pre-K - 12) reflecting racial and ethnic diversity (e.g., Native Americans, African Americans, Latino Americans, Asian Americans), as well as diverse identity groups, including family, language, gender, orientation, ability, and mores.

Credit Hours
0.75

EDU-380 Comparative Studies-Travel

Course Description
This comparative studies and travel course varies with different travel destinations as they are offered; check the current course schedule for destinations. The travel destination will be reflected in the title of the course. May be repeated for credit when travel destination changes.

Credit Hours
1

EDU-380T Exploring Education in Argentina

Course Description
Immerse yourself in a school community in Buenos Aires, Argentina working closely with students and teachers and learn what makes education in Argentina unique.

Credit Hours
0.25

EDU-381 Comparative Studies

Course Description
This comparative studies and travel course varies with different travel destinations as they are offered.The travel destination will be reflected in the title of the course. May be repeated for credit when travel destination changes.

Credit Hours
1

EDU-381T Comparative Studies-Travel

Course Description
This comparative studies and travel course varies with different travel destinations as they are offered.The travel destination will be reflected in the title of the course. May be repeated for credit when travel destination changes.

Credit Hours
1

EDU-382T Comparative Analysis of Public Education

Course Description
The purpose of this course is to prepare pre-service teachers and others to gain a deep understanding of public education and the role of teachers in cementing democratic principles and the socio-political ideals of countries. This course will also prepare pre-service teachers to be critical and culturally responsive and sensitive leaders who are able to engage educational theory and practice simultaneously and in diverse environments.

Credit Hours
1

EDU-421 Practicum in the Field of Education

Course Description
Guided professional or clinical experience in various aspects of professional education such as research, collaboration with PK-12 school personnel, technology instruction and assessment, peer field supervision, tutoring, supervised teaching, etc. A minimum of 45 hours is required for a full course. Additional standards may be specified. Pass/No Pass grading. Prerequisites: ECE/EED/SEC/SPE 300 and consent of instructor. May be repeated.

Credit Hours
0.25

EDU-430 WritingPedagogy forMiddleLevelClassroom

Course Description
An advanced study of writing pedagogy designed to prepare teacher candidates to teach language arts at the middle level. Persuasive, descriptive, informative, and narrative writing techniques will be evaluated, analyzed, and applied from a variety of research-based approaches and within middle level ELA classrooms. Considerable focus will include how to use writing a process for developing improved reading fluency among middle level learners. Students will participate in clinical field experience where writing plans and instructional approaches will be applied in middle level classrooms. Prerequisite: SEC 310

Credit Hours
1

EDU-441 Adv Content Area Reading in K-8

Course Description
An advanced study of the developmental reading process, including examination of theories and practical applications for the K-8 teacher with a focus on methods and procedures used to develop skills, attitudes, knowledge, and understanding of content area reading. Prerequisites: ECE 318 or EED 314 or ELM 372 or SPE 316. For non-secondary education majors.

Credit Hours
1

EDU-445 Literacy Practicum

Course Description
An advanced application of the diagnosis and remediation of various reading and writing difficulties in a supervised literacy tutoring program (off-campus site). Corequisites: SPE 440 or permission of instructor. Pass/No Pass grading.

Credit Hours
0.5

EDU-492 Independent Study

Course Description
Individually designed course under the supervision of a faculty member in the Department of Education.

Credit Hours
0.5

EDU-495 Honors Independent Research

Course Description
This course gives Honors Program students the opportunity to design and implement a significant research project in the field of education, culminating in an appropriate public dissemination of the research methods and findings. This research build upon previous coursework taken within the major or minor facilitating faculty supervision and guidance. Permission of the faculty supervisor and the Director of the Honors Program required prior to registration.

Credit Hours
0.5

ELM-300 Curriculum Plan Instructn Primary

Course Description
An introduction to the Department of Education's mission, goals, core values, professional conduct expectations, and requirements for teacher licensure in Illinois. Teaching candidates learn how to apply elementary curriculum planning based on content area standards, diverse student characteristics, developmental expectations and curriculum goals.Teaching candidates observe and examine content area curriculum that includes the fine arts. Candidates are introduced to classroom technology integration and create professional electronic portfolios to monitor and evaluate their growth as future educators. Candidates are expected to apply course knowledge and skills in an introductory practicum experience that focuses on primary classrooms. Prerequisites: EDU 104, EDU 223, EDU 311/PSY 311 and Admission to the Elementary Teacher Education Program.

Credit Hours
0.75

ELM-301 Elem Practicum Primary

Course Description
An introductory practicum requiring directed and supervised pre-clinical experiences in curriculum planning and instruction of science, mathematics, literacy, social science and observation of fine arts in collaboration with 1st, 2nd and 3rd grade school partners. The majority of the pre-clinical experiences will be in diverse instructional settings pre-arranged and supervised by program faculty. Pass/No Pass grading. Prerequisites: EDU 104, EDU 223, EDU/PSY 311 and Admission to the Elementary Teacher Education Program.

Credit Hours
0.25

ELM-314 MethodsMaterialsLit Primary

Course Description
A study of the language and literacy curriculum, materials, texts, and technology for the primary grades (K-3) focusing on foundational knowledge, research-based instructional methods, monitoring student learning through assessment, content area reading, and constructing a supportive language and literacy environment. Teacher candidates apply research-based instructional methods successful for supporting all learners' literacy across the content areas. Assignments provide opportunities to administer, evaluate, and communicate a wide range of developmentally appropriate literacy assessments to monitor student learning and plan instruction designed to meet the needs of diverse learners. Prerequisites: EDU 104, EDU 223, EDU/PSY 311 and Admission to the Elementary Teacher Education Program.

Credit Hours
0.75

ELM-341 PrimaryMethodsMathSciSocSci

Course Description
An integrative classroom methods course focused on developmentally appropriate planning and content area instruction for grades K-3 mathematics, science, and social science curriculums. Teacher candidates will learn how to plan meaningful content area lessons that are based on best practices and current standards. They will also learn how to critically reflect upon instruction to improve lessons and plan next steps. The course meets for six hours a week, three of which are devoted to education lab experiences. Prerequisites: EDU 104, EDU 223, EDU/PSY 311 and Admission to the Elementary Teacher Education Program.

Credit Hours
1

ELM-350 CurricPlan Instruct Intermed

Course Description
A study of a variety of teaching methods, materials, and technologies utilized in the elementary school's intermediate (4-6) classrooms. Course content includes: human development, interpreting and communicating assessment data, methods for teaching diverse learners, characteristics of student diversity including physical, social and emotional, cognitive, and linguistic differences, behavior management, learning environment, and co-planning. Opportunities to work extensively in an intermediate classroom learning about collaboration with teachers, families, and other school personnel, as well as analyzing instruction will be provided. Teacher candidates observe and examine content area curriculum including physical education and health. Prerequisites: ELM 300, ELM 301, ELM 314 and ELM 341.

Credit Hours
0.75

ELM-352 Elem Practicum Intermed

Course Description
A practicum that requires directed and supervised pre-clinical experiences in curriculum planning and instruction of science, mathematics, literacy, social science and observation of health and physical education in collaboration with 4th-6th grade elementary school partners. The majority of the pre-clinical experiences will be in diverse instructional settings pre-arranged and supervised by program faculty. Pass/No Pass grading. Prerequisites: ELM 300, ELM 301, ELM 314 and ELM 341.

Credit Hours
0.25

ELM-372 MethodMaterialLitIntermedMid

Course Description
A study of-literacy methods and materials used in the intermediate and middle-level grades (grades 4-8). Developmentally appropriate reading and writing instruction, support, materials, and resources for classroom language ares and reading teachers are examined and applied. Additional focus areas include integration of reading in the content areas and interpretation of diagnostic assessments and implementation of remediation strategies. ELM 372 must be completed concurrently with ELM 350, ELM 352, and ELM 382. Prerequisites: ELM 300, ELM 301, ELM 314 and ELM 341.

Credit Hours
0.75

ELM-382 IntermMethodsMath Sci SocSci

Course Description
An integrative classroom methods course focused on developmentally-appropriate planning and content area instruction for grades 4-6 mathematics, science, and social science curricula. Teacher candidates will learn to provide meaningful content area learning opportunities for students and justify their instruction on the basis of current research. The course meets for six hours a week, three of which are devoted to education lab experiences. Prerequisites: ELM 300, ELM 301, ELM 314 and ELM 341.

Credit Hours
1

ELM-419 ElemAssessmentLearningEnv

Course Description
An advanced study of classroom environment and assessment requiring the use of data to create effective and responsive elementary classroom environments. Coursework involves continuous data collection and analysis with critical self-evaluation to support instructional decisions regarding planning, student

learning, and classroom relationships. Course outcomes focus on creating a successful learning culture of collaboration, inclusion, and achievement for all learners. Prerequisites: ELM 350, ELM 352, ELM 372 and ELM 382

Credit Hours
0.75

ELM-450 Elem Practicum Prof Seminar

Course Description
An advanced study of collaborative and professional practice in schools. The practicum requires extensive participation in elementary schools and focuses on effective instructional practices, optimal learning environments, professional collaboration, school policies and procedures (e.g., mandated reporting), family/cultural/linguistic assets, and reflective practice in first through sixth grade classrooms. Two full days of supervised preclinical experience are required on a weekly basis at the prospective student-teaching sites. A minimum of 150 field participation hours in the prospective student teaching classroom are required for this course. Prerequisites: ELM 350, 352, 372, and 382.

Credit Hours
1

ELM-451 Student Teaching Elem

Course Description
A supervised clinical experience designed to provide student teachers with the opportunity to develop, refine, and demonstrate those competencies that are essential for effective teaching in elementary classrooms. Student teaching is the culmination of the Elementary Teachers Education Preparation Program and provides supervised field experiences for a full college semester. Student teachers are evaluated continuously across the knowledge and performance indicators as outlined in state and national standards. This professional semester is designed to provide the Student Teacher with the opportunity to assume increasing responsibility in planning, instructional delivery, and assessment while managing a classroom under the guidance of a cooperating teacher and the University supervisor. Pass/No Pass grading. Prerequisites: ELM 419, ELM 450, SPE 440, SPE 442 and Admission to Elementary Teacher Education Student Teaching.

Credit Hours
1.5

ELM-471 ElemReflectivePractSeminar

Course Description
An advanced clinical seminar that provides student teachers with professional information relevant to teaching in the public schools at the elementary level. Student teachers have opportunities to explore and learn about professional issues such as licensure requirements, endorsements, applying for positions, bargaining agreements, administrative and novice teacher perspectives, educational technology, and the teacher evaluation process. Student teachers will participate in several types of professional learning community protocols to describe and reflect on their teaching practice. Student teachers read research from professional teaching journals to support group questioning and problem-solving around relevant teaching topics. Prerequisites: ELM 419, ELM 450, SPE 440, SPE 442 and Admission to Elementary Teacher Education Student Teaching.

Credit Hours
0.5

ELM-498 Elem Ed Capstone Seminar

Course Description
An advanced clinical seminar that provides guided support in the preparation of final licensure and capstone assessments. Seminars focus on documenting teaching growth and performance using data collection and analyses with critical self-evaluation of the student teaching experience. The Elementary Teacher Education Program's formal capstone project is presented as the culminating seminar project. Prerequisites: ELM 419, ELM 450, SPE 440, SPE 442 and Admission to Elementary Teacher Education Student Teaching.

Credit Hours
0.5

ELS-002 Educational Coaching

Course Description
This course is designed for students to reach out for assistance with academics.

Credit Hours
0

ELS-011 Healthy Living I

Course Description
This course focuses on behaviors that enhance the quality of life. It stresses human beings' physical, intellectual, emotional, social, and spiritual dimensions. Emphasis is on selfanalysis and personal responsibility in selecting a holistic approach to health and wellness.

Credit Hours
1

ELS-013 Healthy Living II

Course Description
This course continues in the development of behaviors that enhance general well-being. Developing a supportive system in sharing information and activities among individuals and groups with shared interests will be encouraged. Networking strategies introduced will reinforce physical and mental health, education, recreation and leisure time, and social belonging.

Credit Hours
1

ELS-016 Planning for Future Independence

Course Description
This course allows students to expand on successful interpersonal relationships with research and review of effective social interactions and skills. The expectations are that these aptitudes will apply to present and future life endeavors, including quality friendships and successful co-worker connections. Students exercise their critical thinking skills while considering their values.

Credit Hours
1

ELS-018 Career Internship

Course Description
Field experience required. Students will participate in a field experience/internship based on interest, employer availability, and supervision with the Career Development Coordinator. The ELSA program encourages students to repeat this course to increase their skills.

Credit Hours
1

ELS-019 Community Career Lab

Course Description
This course will provide students with the opportunity to develop habits to improve their pre-employment skills. This includes job searching skills, resume editing, and intensive mock interviewing with members of the community and local businesses. Students complete multiple self critiques based on their interview experiences in this course.

Credit Hours
1

ELS-020 Intro to College Life

Course Description
This course introduces students to various skills and resources that can help them be successful in college. The activities in this class will help students become more aware of their abilities and challenges and teach them how to be more independent on-campus and in their studies. Students will gain knowledge and experience by participating in class activities and taking an active role in day-to-day life on-campus. Topics of discussion will include: how to set and implement short-term goals for the first semester of ELSA, individual learning styles, study skills, getting involved on-campus, organization and time management skills, future job considerations on-campus (or in the community), navigating the campus including the cafeteria, bookstore, library, and fitness center.

Credit Hours
1

ELS-021 Career Exploration & Development

Course Description
This course introduces students to various skills necessary in learning about career paths, fundamental career/academic decisions and discover more about vocational interests and aptitudes. Students will gain knowledge and experience through participation in-class activities, discussion, research, and occupational laboratories experiences in the community. Topics of discussion will focus on career paths, employment, and the world of work.

Credit Hours
1

ELS-022 Career by Design

Course Description
This course is designed to develop various skills necessary to learn about career paths, fundamental career/academic decisions, and discover more about vocational interests and aptitudes. Students will gain knowledge and experience through class activities, discussion, research, job observations, and internships on-campus. Topics of discussion will focus on career paths, employment, and the world of work. Students will participate in an on-campus field experience consisting of different job shadow experiences under mentoring of student workers and supervision of the Career Development Coordinator. An out of-class on-campus internship of 5-10 hours per week is required. Out of class on/off-campus informational interviews and job shadows needed.

Credit Hours
1

ELS-023 Career & Community

Course Description
This course is designed for students to continue to develop job placement, job maintenance skills, and community involvement by utilizing their interpersonal, workplace, and career skills. Students will gain knowledge and experience through participation in-class activities, discussion, research, and internships in the community. Topics of discussion will focus on career paths, civic engagement, and volunteerism utilizing your career skills. Students will participate in informational interviews and job shadows on-campus and within the community.

Credit Hours
1

ELS-024 Campus Career Experience

Course Description
This course is designed to continue the process of exploring careers, developing communication, intra/interpersonal, writing, and computer skills necessary for employment. Students begin a group experience within a department on campus or community-based.

Credit Hours
1

ELS-026 Career-Internship I

Course Description
Field experience required. Students will participate in a field experience/internship based on interest, employer availability, and supervision with the Career Development Coordinator. The ELSA program encourages students to repeat this course to increase their skills.

Credit Hours
1

ELS-027 Preparing for Future Life

Course Description
This course includes areas of preparation for graduation and transition into independent living. Students will learn how to use the principles of Person-Centered Planning to plan for their future. Students will reflect on their learning in ELSA and develop an electronic portfolio showcasing their growth throughout the program.

Credit Hours
1

ELS-028 Leadership Skills & Teaming

Course Description
This course includes areas of preparation for graduation and transition into independent living. Students will learn how to use the principles of Person-Centered Planning to plan for their future. Students will reflect on their learning in ELSA and develop an electronic portfolio showcasing their growth throughout the program.

Credit Hours
1

ELS-031 Communty&Citiznshp-St Issues

Course Description
This course involves studying thinking, speaking, and writing skills within the framework of issues dealing with the community and citizenship. Students will advocate securing volunteer positions in their home community.

Credit Hours
1

ELS-033 Soc Issues/Self Determinatn

Course Description
This course will provide strategies for students to find and practice effective ways to selfadvocate and communicate needs and wants. Students will learn how to identify problems and develop solutions. During this course, students will learn about the rights and responsibilities of all Americans and identify the various programs offered through the government. Students will participate in multiple activities, which will help them begin the development of a person-centered plan. This course will provide students with the knowledge and power of self-advocacy and its relation to self-determination and improved quality of life.

Credit Hours
1

ELS-036 Service Learning

Course Description
This course will allow students to develop skills and share information while exploring the issues and importance of service learning. Students will take theories learned in class and practice them through participation in a group service-learning project. Active involvement and self-reflection are integral to this course.

Credit Hours
1

ELS-037 Capstone-Service Learning

Course Description
This course is the "capstone" for ELSA students. Building on their experiences in Social Issues, Community and Citizenship, and Service Learning, students link classroom learning with active citizenship. Reflecting on their experiences helps the students learn more about themselves and explore opportunities within the community and workplace. An independent service-learning opportunity with a minimum of 20 hours is required. Weekly journaling, activities, and community involvement are required. Active participation and self-reflection are integral to the course.

Credit Hours
1

ELS-038 Communications I

Course Description
This course will provide students with the fundamentals of interpersonal communication. Students will identify effective and ineffective communication skills, including those used in different contexts, such as electronic vs. face-to-face. They will explore strategies and techniques they can use to improve their communication skills and determine when and how to adapt to various situations. Through observation, modeling, and practice, students will build the skills needed to interact in various situations, including daily living, workplace, and personal relationships.

Credit Hours
1

ELS-039 Communications II

Course Description
This course builds students' interpersonal communication skills to define, establish, and maintain healthy human relationships, including setting boundaries and managing conflict. Students will further their knowledge and understanding of interpersonal communication skills, including identifying their current personal skills and comfort levels and those they aspire to. Discussions, reflecting on past and present behaviors, and experiential exercises will provide the students with numerous practice opportunities to help them achieve their interpersonal communications goals.

Credit Hours
1

ELS-040 Reading & Writing Strategies

Course Description
Reading and writing skills are essential for all courses. This course explores specific strategies while interacting with, and responding to, a variety of short texts. These strategies include the use of assistive technology tools that support literacy skills. Students have a choice of materials based on their personal academic needs, interests, and background. Students are encouraged to apply the strategies from this course to their other coursework.

Credit Hours
1

ELS-041 Indiv Literacy Needs

Course Description
This course focuses on the importance of continually reading and using comprehension strategies to complete college coursework. Exploring strategies to read a complex text to attain new information will be discussed and practiced. Students may use RWG or other technology as needed. Additional targeted skills may include clarity and expansion of details, sentence style, and variety, and use of mature vocabulary. Students will create goals to address writing challenges and will identify what strategies will work for them.

Credit Hours
1

ELS-043 Appl of Literacy Skills to Work Environ

Course Description
This course explores basic literacy skills needed for any work environment. Students will learn with an overview of the terminology, information, and format of texts commonly related to employment. The job-search process, becoming employed, and maintaining jobs is emphasized.

Credit Hours
1

ELS-046 Business Writing

Course Description
This course aims to have the student develop an effective written communication style in the workplace. This course will present students with opportunities to enhance grammar and writing skills related to professional documents. Emphasis is on preparing various written documents such as business letters, e-mails, texting, Linked In, and other business communications.

Credit Hours
1

ELS-047 Computer Applications I

Course Description
Computer Application in the Workplace is an introductory class using Microsoft Office 2013 Word, Excel, and PowerPoint. This class will discuss the ribbon and tab system and use these tools to create documents, worksheets, and presentations. The course will also work with dialog boxes, shortcuts, Live Preview, and Backstage View.

Credit Hours
1

ELS-052 Concpts & Strategies Math

Course Description
This course introduces and reinforces math skills needed for everyday living. The students will demonstrate and apply knowledge to experience dealing with money, measurement, time, estimation, and the operations of addition, subtraction, multiplication, and division. Problem-solving and critical thinking skills will be integrated into the lessons to improve the students' decision-making skills.

Credit Hours
0.5

ELS-054 Computer Applications II

Course Description
This course helps students develop digital literacy skills to perform tasks effectively in a digital environment. Literacy includes the ability to read and interpret while protecting yourself from financial fraud and scams. The instructor will make classes informal to allow for a free form discussion of the subject material. Students will be encouraged to discuss practical solutions or problems that they have encountered.

Credit Hours
1

ELS-061 Images to Communication

Course Description
This class is designed for students to develop their multimedia skills. Students will learn the elements of good visual images, lighting, exposure, and composition while exploring digital photography.

Credit Hours
1

ELS-071 Oral Storytelling & Math Skills

Course Description
This course builds upon basic math and problem-solving skills while also developing and reinforcing interpersonal communication skills. Students will use and practice collaborative group skills to solve problems with applications for independent living.

Credit Hours
0.5

ELS-082 Financial Smarts I

Course Description
This course provides the individual with an introduction to the financial aspects of everyday life. One of the keys to success not only means having the "know-how" but also being able to make the right financial decisions based on knowledge. The focus of the course will be the essential elements of budgeting, determining costs and expenses, check writing, financial planning, and learning the skills needed to be a better consumer.

Credit Hours
0.5

ELS-083 Financial Smarts II

Course Description
This course is a continuation of Financial Smarts 1. Prerequisite ELS-082.

Credit Hours
1

ELS-084 Financial Smarts III

Course Description
This course is a continuation of Financial Smarts II.

Credit Hours
0.5

ELS-085 Financial Smarts IV

Course Description
This course discusses and develops a business plan and actual work through the steps necessary to start a business.

Credit Hours
1

ELS-090 Independent Study

Credit Hours
1

ELS-092 Theater & Public Speaking

Course Description
Students will develop targeted skills such as listening, conflict management, self-concept, organizational techniques, and visual aids. Students develop critical thinking and problemsolving skills that will aid in becoming effective communicators, adding value in all potential "communication venues," including the classroom, workplace, and home.

Credit Hours
1

ELS-095 ELS

Credit Hours
0

ENG-105 Composition I

Course Description
A two-part sequence of introductory courses, offering instruction and guidance designed to develop college-level writing and reading skills. ENG 105 focuses on increasing students' written fluency-their ability to use the writing process as a means of discovering ideas, to see revision as a necessary and recursive part of the writing process, to see good writing as dependent on its context, and to create relationships between reading and writing.

Credit Hours
1

ENG-106 Composition II

Course Description
The second course in the two-course sequence, ENG 106 focuses on increasing students' academic literacy-their ability to use writing as a tool for learning and discovery, to articulate ideas to a variety of audiences, to analyze and synthesize challenging ideas in an effectively written document, and to construct from sources a logical and persuasive argument. Information literacy instruction will prepare students to assess and use academic research library materials and facilities. Prerequisite(s): ENG 105 or transfer equivalent, an acceptable score on the Elmhurst University Writing Placement Test, or a composite score of 29 on the ACT.

Credit Hours
1

ENG-200 Intro to Lit:Designated Genre

Course Description
A general course designed to enrich students' appreciation of the creative literary imagination. Specific objectives include increasing students capacities to understand how literary language works, to recognize literature's connection with its historical, cultural, spiritual, and personal contexts, and to appreciate literary study's value as a process through which individuals and communities connect. Students read, interpret, and evaluate selected literary texts, which may include poetry, drama, fiction, and/or nonfiction. Prerequisite: ENG 105 or equivalent.

Credit Hours
1

ENG-201 Comp III:Clsscl Rhet/Cont Discourse

Course Description
A study of ancient rhetorical traditions and their applications. Students will learn classical approaches to the arts of persuasion and apply them in reading and writing contemporary discourse. Prerequisite: ENG 106.

Credit Hours
1

ENG-220 Principles of Literary Study

Course Description
An examination of various critical approaches to the study of literature. Required for English majors and recommended for other students especially interested in language and literature. Prerequisite: ENG 106.

Credit Hours
1

ENG-230 Rdgs in Race, Class & Gender

Course Description
A study of literary texts that respond to race, class, and gender. Examines how various social groups are impacted by the powers embedded in social, political, historical, and economic theories, events, and institutions. As offered.

Credit Hours
1

ENG-240 Chicago Stories

Course Description
This course explores Chicago writers with a focus on the forces of history and policy, community building, and social justice. Students will engage with a variety of narrative voices that make up the past, present, and future of the City with special emphasis on traditionally marginalized voices. Such writers for study may include Richard Wright, Sandra Cisneros, Upton Sinclair, Lorraine Hansberry, Eve

Ewing, and Gabriel Bump among others. The course also includes a walking tour of one of the Chicago communities important to the history of literary production.

Credit Hours

1

ENG-242 YourLife:Memoir/Non-FictWrtg

Course Description

This course will focus on memoir and/or non-fiction through the process of: writing personal narratives, workshopping those essays, mini fieldtrips (local), and viewing/discussing memoirs that have been made into films. The class will begin by reading a variety of styles of contemporary memoirs to expose students to examples of the genre. The readings will lead into the writing portion of the course which will be divided into three personal narrative essays: writing about a music experience (a favorite concert, album, etc), food writing, and finally, an essay on a topic of the student's choice. At the end of the term each student will have a final portfolio of revised essays and a better sense of who they are by exploring the experiences they have written about.

Credit Hours

1

ENG-261 Literature of the Civil War

Course Description

Walt Whitman declared the "the real war will never get into books." Nonetheless, generations of novelists, poets, and memoirists have tried to capture something of the reality of the Civil War in their pages.This course examines a range of literary and cinematic works that make the attempt, including such novels as The Killer Angels; Sam Watkins's memoir "Co. Aytch."; short stories by Ambrose Bierce, Stephen Crane, and Louisa May Alcott; poetry by Herman Melville and Walt Whitman; and popular songs and speeches. Representative films include Gone with the Wind, Glory, and Gettysburg.

Credit Hours

1

ENG-292 Independent Study

Course Description

A course designed for English majors who wish to pursue an intensive program of reading and/or writing on an individual basis. May not duplicate the content of other English course offerings. Consent of the department chair is required.

Credit Hours

0.5

ENG-295 Introduction to Film Studies

Course Description

Students will be introduced to the history of cinema and various types of film analysis. Students will examine films from a filmmaking perspective, analyzing elements such as writing, cinematography, and sound, as well as from a theoretical perspective, examining films through various lenses which may include, but are not limited to: feminism, Marxism, queer theory, psychoanalytics, and genre studies. Students will be introduced to filmmakers from around the world and will study films ranging from the birth of cinema to contemporary blockbusters. Students will examine the impact new technology has had on filmmaking as well as how filmmaking has created new technologies used beyond the world of cinema.Prerequisite: ENG 105 or equivalent.

Credit Hours

1

ENG-298 StoryStructures:LitFilmMedia

Course Description

What makes a good story? This class will examine the fundamental principles of effective storytelling in literature, film, television, and other media. Students will study Aristotle's "Poetics" and see how much of what he described centuries ago still applies to contemporary storytelling, such as character, plot, and theme. While examining literature, film and television, students will learn traditional three-act structure as well as alternative structures such as the ensemble, non-linear, dual-protagonist, and experimental. Prerequisite: ENG 105 or equivalent.

Credit Hours

1

ENG-299 Digital Storytelling

Course Description

Students will be introduced to various areas within the world of digital media, which may include but are not limited to: filmmaking, screenwriting, animation, game design, virtual reality, broadcast journalism, motion graphics, documentary production, sound design, cinematography, video editing, audio recording, and more. Students will learn history and theory within each area and will then put it into practice in a series of production based projects. Students will be able to create projects using numerous software applications used in the media fields.Prerequisite: ENG 105.

Credit Hours

1

ENG-303 Business & Technical Writing

Course Description

To assist students in developing skills for writing as professionals in the workplace, as distinct from academic settings. Students will develop an understanding of, and skills necessary for, writing in teams in organizational contexts. The course will introduce students to empirical research about writing in the workplace. Rhetorical aims will shape document preparation and design. Prerequisite: ENG 106 or equivalent.

Credit Hours

1

ENG-305 News Reporting

Course Description

Introduction to and practice in journalistic style and the techniques of writing for mass communication, including interview techniques, media law, ethics and other components of print or online media. Prerequisite(s): ENG 106 or equivalent. Fall Term.

Credit Hours

1

ENG-306 Advanced Reporting

Course Description
Focuses on advanced journalism and creative nonfiction. Students will be producing nonfiction articles for magazines (in print or online) as well as critical reviews (from music to politics) suitable for newspapers and/or online blogs and publications. Prerequisite: ENG 106 or equivalent. Spring Term.

Credit Hours
1

ENG-312 Writing Fiction

Course Description
Writing fiction, with the study of various creative processes, literary techniques and poetic forms.Extensive analysis of student work and selected models. Recommended for those interested in imaginative writing and reading. Prerequisite: ENG 106 or equivalent. Fall Term.

Credit Hours
1

ENG-313 Writing Poetry

Course Description
Writing poetry, with study of various creative processes and literary techniques. Extensive analysis of student work and selected models. Recommended for those interested in imaginative writing and reading. Prerequisite: ENG 106 or equivalent. Alternate years, Spring 2022-2023.

Credit Hours
1

ENG-314 Children's Literature

Course Description
A survey of the development of literature for children. Criteria will be established for selection of books for students from preschool through grade 6. Emphasis on extensive reading and evaluation of titles appropriate to each level. Fall Term.

Credit Hours
1

ENG-315 Adolescent Literature

Course Description
.50 credit A survey of adolescent literature. This course emphasizes extensive reading and evaluation of literature appropriate for adolescents for grades 6 through 12 or ages 11-18, developing criteria for selecting and using literature with adolescents at various stages in their development, and analysis and discussion of issues in the field of adolescent literature. Spring Term.

Credit Hours
0.5

ENG-316 Grammar & Politics of Standard English

Credit Hours
1

ENG-317 Introduction to Screenwriting

Course Description
This course will introduce students to the world of screenwriting. Students will learn the difference between writing feature films, episodice shows, web series, and more. Students will read examples of well written screenplays to learn about structure, character development, theme, and dialogue writing. Students will learn proper screenplay format as well as how to write visually. Students in this class will each write a short original screenplay. Prerequisite: ENG 106

Credit Hours
1

ENG-321 British Literature I 1800

Course Description
Covers the development of British literature from its oldest recorded legends through the poetry and prose of the Enlightenment. Representative works and authors include Beowulf, Chaucer, Spencer, Shakespeare, Donne, Milton, Behn, Pope, Johnson, and Austen. Course focuses primarily on drama, poetry, and nonfiction. Prerequisite: Sophomore or higher standing. Fall Term.

Credit Hours
1

ENG-322 British Lit II (1750 to 1900)

Course Description
Covers Romantic and Victorian literary movements in British literature to include study of prominent Neoclassical precursors. Considers how literature was impacted by the rise of individualism, industrialization, colonialism, science, increasing secularization and gender roles. Such writers as Blake, Wollstonecraft, Wordsworth, Austen, the Shelleys, Dickens, Barrett Browning and Kipling may be studied. Co-prerequisite: ENG 220 or equivalent and sophomore or higher standing. Spring Term.

Credit Hours
1

ENG-330 Epics & Stories, Ancient & Modern

Course Description
An examination of selected stories, ancient and modern, that have come to possess wide significance for their cultures. Attention will be given to the development of narrative style and technique as well as to the interaction between story and culture. Representative writers might include Homer, Virgil, Dante, Woolf, Fitzgerald, and Wilson. Prerequisite: ENG 105 or equivalent.

Credit Hours
1

ENG-334 Children's Literature

Credit Hours

1

ENG-335 Women Writers

Course Description

A study of works by women writers. The course will examine the potentially gendered nature of writing using texts written by women. Students will explore possible ways in which women authors may choose a subject, bring a particular perspective, or tell the story differently because of their gender. Possible authors for study include Toni Morrison, Amy Tan, Virginia Woolf, Alice Walker, Edith Wharton, Wendy Wasserstein, and Adrienne Rich. Prerequisite: ENG 105 or equivalent.

Credit Hours

1

ENG-336 Contemporary Literature

Course Description

Leading writers in literature since World War II, from such writers as Hemingway, Faulkner, and Thomas Wolfe to Chinua Achebe, Thomas Pynchon, and Toni Morrison. Each term146s offering will focus on a specific group or genre of contemporary literature, such as African-American writings or the writings of Generation X. Prerequisite: ENG 105 or equivalent.

Credit Hours

1

ENG-341 Literature for Social Change

Course Description

This course examines literary texts through a rhetorical lens in an attempt to analyze purpose, content, structure, language, genre conventions, and other rhetorical principles and to think critically about the social arguments that literary texts may be making, particularly how these novels urge readers to participate in public discourse involving controversial social issues, like poverty, war, gun violence, drug abuse, racism, sexism, discrimination based on gender identification and sexual orientation, etc. The course privileges discussion of the persuasiveness of the texts and why and how texts convince readers to believe particular positions on critical social issues and how and why the texts move readers to involve themselves in the meaningful work of effecting change. In this course, you will also be writing and presenting arguments of your own that try to persuade an audience to accept your interpretations of texts and social issues. We will pay close attention to how writers structure interpretive pieces, how writers develop an authoritative ethos, how writers evaluate and integrate pertinent, valid and credible evidence in interpretations of literature, and how writers can use rhetoric to their advantage when writing arguments about literature and social issues.

Credit Hours

1

ENG-345 Shakespeare

Course Description

An intensive study of selected histories, comedies, tragedies, and romances. Prerequisite: ENG 106 or equivalent and sophomore or higher standing.

Credit Hours

1

ENG-350 Special Topics

Course Description

In-depth exploration of a topic in literary or composition studies selected by the instructor. Does not duplicate subject matter in any regularly offered course. May be repeated for credit with approval of instructor. Prerequisite: ENG 106 or equivalent.

Credit Hours

1

ENG-351 American Literature I

Course Description

A survey of American literature beginning with European exploration of the continent in the 15th century and ending with the Civil War. The course explores the historical and cultural forces that shaped such writings as Bradford146s Of Plymouth Plantation, Franklin146s Autobiography, Thoreau146s Walden, Stowe146s Uncle Tom146s Cabin, and the poetry of Whitman and Dickinson. Co-prerequisite: ENG 220 or equivalent and sophomore or higher standing.

Credit Hours

1

ENG-352 American Literature II

Course Description

A survey of American literature from the end of the Civil War to the contemporary period. The course will use American history and culture to examine such writings as Twain146s The Adventures of Huckleberry Finn, James' Daisy Miller, Wharton's The Age of Innocence, poetry by Langston Hughes and Sylvia Plath, and short stories by Louise Erdrich and Toni Cade Bambara. Co-prerequisite: ENG 220 or equivalent and sophomore or higher standing.

Credit Hours

1

ENG-362 NarrativesTchg in Fictn&Film

Course Description

This course will explore narratives of teachers and teaching in fiction and film. Techniques of literary and cultural analysis will be used to examine ways in which such stories construct images about "ideal" teachers, offer critiques of the educational system, and reflect social concerns and expectations about teachers and the role of education in society. Alternately valorized and denigrated, teachers appear to reflect social confidence in the efficacy of education sometimes while, at other times, they appear to represent society's disillusionment with the educational process and system. To what extent are these cultural narratives and images shaped by expectations regarding education and in what ways do such images construct and control expectations regarding a society's schools and its teachers? Prerequisite: A Writing and Reasoning Course or equivalent.

Credit Hours
1

ENG-365 Media Practicum

Course Description
This is a course in applied journalism that helps students learn the skills needed to produce a publication for a mass audience. Students must be a member of a student organization that produces media for the campus community. A minimum of five hours of activity per week is required. Up to four quarter-course practica may be counted for credit. Prerequisite: ENG 105 or consent of instructor.

Credit Hours
0.25

ENG-372 Multicultural/Postcolonial Literature

Course Description
A study of how literature written by writers from a range of racial and ethnic backgrounds explores and responds to contemporary ideas, political developments, and various quests for social justice. Writers with such diverse aesthetic and political interests as Toni Morrison, Amy Tan, August Wilson, Kurt Vonnegut, Leslie Marmon Silko Chinau Achebe, Laura Esquivel, Yusef Komunyakaa, Gabriel Garcia Marquez, and Bharati Mukherjee could be explored. Prerequisite: ENG 106 or equivalent.

Credit Hours
1

ENG-375 Reading Nature/Writing Nature

Course Description
The course explores the literary techniques and deeper significance of non-fiction, fiction, and poetry inspired by, and addressing, our relation to the natural world. Students practice writing about the environment for non-specialist audiences. Prerequisite: ENG or equivalent. Spring Term.

Credit Hours
1

ENG-401 Composition IV: Theory & Research

Course Description
A writing course that introduces students to the scholarly field of composition studies. Students will read and respond to texts that define contemporary theories of, and report recent research in, composition and rhetoric. The course will include practical experience in tutoring students in 100-level writing courses. Recommended for students with junior or senior standing and required for students seeking teacher licensure. Prerequisite: ENG 201 or equivalent. Fall Term.

Credit Hours
1

ENG-403 Adv Professional & Multimedia Writing

Course Description
Building on foundational theories and practices of professional writing, this course engages students in the study and production of advanced genres of professional writing. Students learn rhetorical theory and apply rhetorical skills to produce an array of sophisticated multimedia and traditional print texts. Includes a possible public/civic engagement component in which students may draft print and digital texts for local charitable organizations. Prerequisites: ENG 303 or equivalent, or permission of instructor and department chair.Spring Term, alternate years, 2022-2023.

Credit Hours
1

ENG-410 Advanced Writing Seminar

Course Description
A writing-intensive course. Topics vary and may include rhetoric and composition, jounalism, professional writing or literacy theory. May be repeated for credit. Prerequisites: ENG 201 or equivalent and sophomore or higher standing. Fall Term.

Credit Hours
1

ENG-412 Advanced Fiction Writing

Course Description
This course will concentrate on advanced work in fiction writing and practices with a strong emphasis on class workshops and intensive study of published fiction and student work. Students should expect their first short story to be due by the second week of class. Scheduled conferences with the instructor will focus on individual student development. Prerequisite: ENG 312 (or its equivalent), or permission of instructor upon submission of a sample writing portfolio. Spring Term, alternate years.

Credit Hours
1

ENG-415 Literary Theory

Course Description
An examination of literary critical history, or what is said and assumed about texts, writers and readers in selected historical moments or by thematic connection. Considers both Western classical and contemporary critical texts. Recommended for students with junior or senior standing. Prerequisite: Any ENG prefixed literature course.

Credit Hours
1

ENG-416 History & Structure of English

Course Description
A study of the origins and development of English with attention to both internal and external aspects of that development. Studies are directed toward an understanding of English grammar, usage, spelling, and pronunciation. Recommended for students with junior or senior standing. Required for teacher certification. Prerequisite: ENG 106 or equivalent.

Credit Hours
1

ENG-417 Adv Writing for Film & Television

Course Description
Students will write a complete original feature-length screenplay or the "pilot" (first) episode of an idea for an original television show along with an outline for the story arcs of the complete first season. The product written in this class will serve as a portfolio piece that can be sent to agents, managers, and producers. The writers in this class will learn about the business side of becoming a screenwriter including but not limited to: how to obstain representation, how to pitch, how to approach rewriting, and techniques and strategies to use when hired to write on assignment

Credit Hours
1

ENG-422 StudyIn:Victorian/Neo-Victorian Lit

Course Description
In-depth exploration of a literary topic selected by the instructor, with focus on the British Romantic Period (roughly 1789 through 1832), the British Victorian Period (1837 through 1901), or both. Prerequisite: Any ENG prefixed literature course; one literature course from D strongly recommended.

Credit Hours
1

ENG-423 American Fiction

Course Description
A study of the development of prose fiction in America from colonial to modern times. Examines the effect of British models on the development of American fiction. May include works by writers such as Hawthorne, Cather, Hemingway, Faulkner, and Welty. Recommended for students with junior or senior standing. Prerequisite: Any ENG prefixed literature course; one literature course from D strongly recomended.

Credit Hours
1

ENG-440 Middle&HighSchool English&LangArts Mthd

Course Description
This course will examine the theory and practice of teaching high school and middle school language arts. We will study theoretical models explaining how students learn to read, write, and think critically. For instance, we will consider how Louise Rosenblatt's transactional theory generates techniques for teaching literature that engage and motivate students. We will discuss the potential for using critical theory to help students not only read the literature but also their world. We will examine recent composition theories on teaching writing as a process. Finally, we will consider ways in which you, as a reflective teacher, will construct your own theories about teaching. By exploring theories that govern the teaching of English, you will understand how theory determines classroom practice. Pre- or corequisite: SEC 310 and the consent of the English department chair.

Credit Hours
1

ENG-441 TheTeachingEnglishLangArts in Mid Grade

Course Description
This course will examine the theory and practice of teaching English Language Arts in the Middle Level Grades. We will study theoretical models explaining how students learn to read, write, and think critically, examine recent composition theories on teaching writing as a structured dynamic process, and consider ways in which reflective teachers construct their own theories about teaching. The course also requires students to apply knowledge to the classroom by practicing teaching strategies such as writing workshops, peer review, collaborative learning, journaling, and class discussion techniques. Over the course of the semester, students will be able to see how the best teachers move from theory to practice to theory based on reflection on their classroom experiences. Fall Only.

Credit Hours
1

ENG-451 Advanced Literary Study

Course Description
An intensive, guided investigation of a literary problem, age, genre, or writer through which students will be introduced to the purposes and techniques of literary research and scholarship in class discussions, lectures, and independent study. Focus of the course will vary from term to term. This capstone course is required for English majors and recommended for other students with senior standing. May be repeated for credit. Prerequisite: ENG 220 or equivalent; one literature course from C or D.

Credit Hours
1

ENG-455 ProfPort:DevWritrs:Thry&Appl

Course Description
In this capstone course, students will reflect on their long-term goals as writers and develop a portfolio of writings suitable for publication or prefessional purposes, in part generated from a mandatory field experience. Students may concentrate on nonfiction (such as journalism or professional writing) or creative writing (fiction, poetry, drama). Senior standing is highly recommended. Prerequisite: two upper-division writing courses.

Credit Hours
1

ENG-468 Internship

Course Description
An internship designed to allow junior and senior students the opportunity to gain professional work experience in media, publications, or other agencies or institutions as deemed appropriate for earning credit in the major. The internship can also be with the campus newspaper, "The Leader", or other publications and/or positions related to professional communication, either on campus or off. Students must demonstrate that they meet the stated requirements of the position. (If the internship is at "The Leader" the student must have been on staff for at least two terms and be now--or in the immediate future--in an editing role.)

May be repeated for credit.Prerequisites: ENG 220, ENG 201, and at least one additional 300 or 400 level English course. Permission of the Department Chair and designated faculty required to receive credit.

Credit Hours
0.5

ENG-492 Independent Study

Course Description
A course designed for English majors who wish to pursue an intensive program of reading and/or writing on an individual basis. May not duplicate the content of other English course offerings. Consent of the department chair is required.

Credit Hours
0.5

ENG-495 Honors Independent Research

Course Description
Half course This course affords Honors Program students the opportunity to design and implement a significant research project in the field of English culminating in an appropriate public dissemination of the research methods and findings. This course must be taken concurrently with another 300-400 course in the major or minor, facilitating faculty supervision and guidance. Permission of the faculty supervisor and the Director of the Honors Program required prior to registration. Fall Term, January Term, Spring Term, Summer Term.

Credit Hours
0.5

ENG-LIT English & TRNLIT

Credit Hours
1

EPP-COM Experiential Learning Portfolio Credit:

Credit Hours
0.25

EPP-CS Experiential Learning Portfolio Credit:

Credit Hours
0.25

EPP-EDU Experiential Learning Portfolio Credit:

Credit Hours
0.25

EPP-HHC Experiential Portfolit Credit

Credit Hours
0.75

EPP-HRM Experiential Learning Portfolio Credit:

Credit Hours
0.25

EPP-MFT Experiential Learning Portfolio Credit

Credit Hours
0.25

EPP-MGT Experiential Learn. Portfolio Credit:

Credit Hours
0.25

EPP-PED Experiential Learning Portfolio Credit

Credit Hours
0.25

EPP-PSY Experiential Learning Portfolio:

Credit Hours
0.25

EPP-SCI Experiential Learning Portfolio Credit

Credit Hours
0.25

EPP-SOC Experiential Learning Portfolio Credit

Credit Hours
0.25

ES-100 Intro to EnvironmentalStudies

Course Description
This course introduces students to an an interdisciplinary academic field that focuses on the interrelationships and complexities of environmental processes and problems. The course combines ideas from many disciplines including physical and biological sciences; social sciences; and humanities (e.g. ecology, political science, ethics, biology, philosophy, economics, sociology) to better understand environmental affairs. Special attention is given to understanding how the student, his/her society, and humanity are connected to the environment. The environmental impact of people's consumptive lifestyles will also, be highlighted.

Credit Hours
1

ES-200 Environmental Science I

Course Description
ES 200-201 provide an introduction to environmental science in an interdisciplinary context. This first course focuses on an introduction to the major components, processes and interactions of the four primary Earth systems (atmosphere, hydrosphere, biosphere, and geosphere). Geological processes such as the rock cycle and tectonics will be examined along with the ability for humans to alter those processes both intentionally and unintentionally. An examination of deep time and reconstruction of past climates provides context for our understanding of modern climate change. Students will learn about the structure of the atmosphere, chemical processes in the atmosphere, atmospheric cycling and the potential impact of changes to that cycle. The structure and processes of the oceans will be studied along with the implications of changing ocean currents and sea levels. The chronology of the Earth, along with the origin, chemical composition, and distribution of energy and mineral resources will be discussed. The chemistry of fossil fuels, nuclear power, renewable energy, greenhouse gases, ozone depletion, acid rain, air pollution, and the environmental consequences of energy and mineral extraction and use will be explored. Scientific methodology, ethics in scientific research, data analysis, and the evaluation of scientific claims are emphasized throughout. Includes laboratory.

Credit Hours
1

ES-201 Environmental Science II

Course Description
ES 200-201 provide an introduction to environmental science in an interdisciplinary context. This second course in the sequence will establish a foundational knowledge of the biosphere and its interactions with the lithosphere, hydrosphere, and atmosphere. Students will gain the cellular, organismal, population, and evolutionary principles necessary to understand ecosystems on local, regional, and global scales. Students will learn how all species within the ecosystem are interrelated, with each relying on the others, and will examine human interactions with ecosystems and the impact of those interactions. Current environmental issues such as the transformation of ecosystems in response to climate change, overexploitation and agriculture will be a focus. Topics will include: nutrient cycling, biodiversity, invasive species, extinction, pollution, habitat destruction, and conservation. Scientific methodology, ethics in scientific research, data analysis, evaluation of scientific claims, and an introduction to modelling tools will be included. Includes laboratory. Prerequisite(s): ES 200

Credit Hours
1

ES-255 Gardening to Give

Course Description
Small-scale local food production is an overlooked supplement to the modern industrial agricultural system. Organic gardens can not only produce food for gardeners but also help bring fresh-grown produce to food-insecure populations. In this class students will learn the basic skills of planning and starting an organic garden through hands-on preparation and planting in the Elmhurst University Student Organic Garden. Also, students will gain an appreciation of problems of the current food system through a volunteer experience at a local food pantry and recognize how small-scale agriculture can help the food-insecure in their own communities. This course will meet the second half of the semester and includes some physical demands including lifting, carrying, and kneeling.

Credit Hours
0.5

ES-310 Environmental Science & Health

Course Description
ES 310 prrovides an introduction to the principles, methods, and issues related to human health, environmental regulation, and their relationship to environmental sciences and sustainability. Environmental science and health is a part of environmental studies in which the primary goal is identifying and preventing disease associated with the environment, and promoting the health of people and the environment. Environmental science and health is associated with recognizing, assessing, understanding and controlling the short and long-term impacts of people on their environments, and the impacts of the environment on health.

Credit Hours
1

ES-320 Sustainable Urban Development

Course Description
This course examines the social, economic, political, governmental, and environmental dimensions of sustainable urban development. Some of the major themes explored include sustainable energy, urban planning, urban demographic trends, environmental justice, green building, urban sprawl, infrastructure, transportation, public health, global climate change, and democratic participation.

Credit Hours
1

ES-350 Special Topics Environmental Studies

Course Description
An opportunity for faculty and students to study topics of the current and unique importance that are not contained in the general curriculum. Topics vary on the basis of interest expressed by students and faculty. Depending on the topic, consent of instructor may be required, and grading options will vary. May be repeated for credit.

Credit Hours
1

ES-370 Environmental Sociology

Course Description
This course is an opportunity for students to be introduced to the theoretical and empirical analysis of the interaction between the environment and human society. We will explore the ways in which the culture and structure of human society impacts the environment and how, in turn, changes in the environment inequitably impact society. In exploring the social roots of environmental issues, students will critically analyze how technologies, patterns of consumption and production, status and power systems, religion, and population trends impact our environment.

Credit Hours
1

ES-400 Practical Appl of Env Studies

Course Description
Students will apply the theories, concepts and skills learned througout the Enviromental Studies academic program by working collaboratively with an enviromental organization or agency to solve an environmental problem. As part of this hands-on supervised project, students will develop a formal presentation and a written document. Students must be enrolled in the Enviromental Studies Program.

Credit Hours
1

ES-410 Environmental Law

Course Description
This course is an introduction to Enviromental Law. Students are exposed to the complex mix of federal and state laws, regulations, and agreements that share the goal of protecting the environment as they examine major environmental statues in the U.S., as well as international environmental law/agreements. This course provides an overview of the legal framework for environmental protection framed under broad themes in the distinct areas of environmental law that includes but not limited to: clean air, clean water, endangered species, pesticides, toxic substances, and waste management. Additionally, students will learn about a vast array of considerations concerning enviromental law such as technology, ethics and values, science, social justice, and human and non-human health.

Credit Hours
1

ES-421 Fieldwork in Environmental Studies

Course Description
Involves the student directly in environmental work. Classroom theory is tested when the student is exposed to a variety of opportunities to enhance professional development. May be repeated for credit. Every term, as needed.

Credit Hours
0.5

ES-468 Environmental Studies Internship

Course Description
The primary purpose of this course is to give the student an opportunity to apply classroom learning to supervised practical work experience in the field of Environmental Studies. Academic credit is earned for a term of employment and successful completion of skills refinement and development as directed by the Weigand Center for Professional Excellence. Intership possibilites include non-profit organizations, federal, state, and local governments, or other relevant environmental agency/office/business. Evaluation of employee by the employer and a written report by the student are required. Applications should be made early in the term preceding registration. Offered for Pass/No Pass grading. May be repeated for credit. Full time summer study is possible. Prerequisite: Junior or Senior standing, approval of the Environmental Studies Program Director and the Weigand Center for Professional Excellence.

Credit Hours
0.5

ES-492 Independ Study in Environmental Studies

Course Description
An independent and concentrated reading/research course centering around a specific problem area, a single field of specialization or a concentration on the writings of major environmental thinkers. May be repeated for credit. Written permission of the instructor is required. As requested.

Credit Hours
0.5

ES-495 Honors Independent Research

Course Description
.50 credit This course gives Honors Program students the opportunity to design and implement a significant research project in the field of Environmental Studies, culminating in an appropriate public dissemination of research methods and findings. This research must build upon previous coursework taken within the major or minor, facilitating faculty supervision and guidance. Repeatable for credit. Permission of the faculty supervisor and the director of the Honors Program required prior to registration.

Credit Hours
0.5

ES-499 Senior Capstone

Course Description
This course is required for all Environmental Studies majors. Students will conduct an intensive research project on an environmental issue of particular interest and present their findings through formal presentation in a collaborative setting. This is an opportunity for students to draw on their past classroom experiences and provide evidence of what they have learned in terms of content knowledge, critical thinking and problem solving skills, and interdisciplinary insights to help them explore career possibilities in the field. To be taken during the student's final (senior) year.

Credit Hours
1

EXP-200 Study Abroad

Credit Hours
3

EXP-250 Experiential Learning

Credit Hours
0

EYC-300 IntroCurriculumPlanInstruct

Course Description
An introduction to curriculum, the underlying principles of instructional planning, and designing learning opportunities based on the knowledge of young students. Matching materials to students' needs and their developmental levels through the evaluation, selection and adaptation of curricular materials and technologies will be introduced. EYC 300 must be taken concurrently with EYC 301, EYC 321, EYC 323, EYC 326, EYC 327 and EYC 328. Prerequisites: EDU 104, EDU 223, TEL 204 and admission to EYC Early Childhood program.

Credit Hours
0.75

EYC-301 Practicum I Birth-3 Natural Environment

Course Description
Directed and supervised pre-clinical experiences in curriculum study, planning and instruction across all areas of early learning. The majority of the pre-clinical experiences will be in diverse settings, pre-arranged and supervised by faculty. EYC 301 must be taken concurrently with EYC 300, EYC 321, EYC 323, EYC 326, EYC 327 and EYC 328. Prerequisites: EDU 104, EDU 223, TEL 204 and admission to EYC Early Childhood program. Pass/No Pass grading.

Credit Hours
0.25

EYC-314 EleMethd/ MatLiteracyLrnrPriClassroom

Course Description
.75 credit A study of the language and literacy curriculum, materials, texts, and technology for the primary grades (K-3) focusing on foundational knowledge, research-based instructional methods, monitoring student learning through assessment, content area reading, and constructing a supportive language and literacy environment. Teacher candidates apply research-based instructional methods successful for supporting all learners' literacy across the content areas. Assignments provide opportunities to administer, evaluate and communicate a wide range of developmentally appropriate literacy assessments to monitor student learning and plan instruction designed to meet the needs of diverse learners. Prerequisite(s): EYC 350, EYC 352, EYC 412, EYC 414 and EYC 416. Corequisite(s): EYC 314 must be taken concurrently with EYC 341, EYC 419 and EYC 450.

Credit Hours
0.75

EYC-321 Early Intervention Methods

Course Description
Using an interdisciplinary case study approach, this course examines the philosophy, goals and clinical approaches utilized in working with infants/ toddlers who are "at risk" and disabled and their families. Special focus is placed on the design and implementation of family-centered services, the development of collaborative team processes among professionals, and on the implementation of the Individual Family Service Plan (IFSP). EYC 321 must be taken concurrently with EYC 300, EYC 301, EYC 323, EYC 326, EYC 327 and EYC 328. Prerequisites: EDU 104, EDU 223, TEL 204 and admission to EYC Early Childhood program.

Credit Hours
0.5

EYC-323 Infant/TodAssessB-3 Typical/ AtypicalDev

Course Description
A developmental approach to observation and assessment of typical and atypical infants and toddlers is highlighted. Students focus on underlying developmental processes in cognitive, language, motor and social/emotional development. Students learn to assess children's strengths as well as needs. Selected screening and informal and formal assessment tools are examined. The involvement of families in assessment and collaborative goal setting is stressed. This course includes a field experience clinical component. EYC 323 must be taken concurrently with EYC 300, EYC 301, EYC 321, EYC 326, EYC 327 and EYC 328. Prerequisites: EDU 104, EDU 223, TEL 204 and admission to EYC Early Childhood program.

Credit Hours
0.5

EYC-326 Typical/ATypicalDevelChildB-5

Course Description
Major developmental theories and models of cognitive, psychosocial, emotional and play development of young children bir th to age five arepresented. Personality is traced from birth to age five. The interrelated nature of development, culture and the characteristics of and influences of disabilities and risk factors on development are also studied. The impact of disability on the family system and implications for educational programming are also studied. EYC 326 must be taken concurrently with EYC 300, EYC 301, EYC 321, EYC 323, EYC 327 and EYC 328. Prerequisites: EDU 104, EDU 223, TEL 204 and admission to EYC Early Childhood program.

Credit Hours
0.75

EYC-327 Typical/AtypLangDev&Literacy

Course Description
Study of the typical and atypical language development in young children, including specific language/communication delays. Course includes examination of the relationship between language/communication delays and other areas of development, specifically emergent literacy, exploring the use of alternative communication systems to foster communication. EYC 327 must be taken concurrently with EYC 300, EYC 301, EYC 321, EYC 323, EYC 326 and EYC 328. Prerequisites: EDU 104, EDU 223, TEL 204 and admission to EYC Early Childhood program.

Credit Hours
0.75

EYC-328 Family&CommunityRelationships

Course Description
Strategies in developing positive and supportive relationships with families of young children with special needs, including the legal and philosophical basis for family participation; family-centered services; and strategies for working with socially, culturally and linguistically diverse families. Strategies and models for promoting effective consultation and collaboration with other professionals and agencies within the community. EYC 328 must be taken concurrently with EYC 300, EYC 301, EYC 321, EYC 323, EYC 326 and EYC 327. Prerequisites: EDU 104, EDU 223, TEL 204 and admission to EYC Early Childhood program.

Credit Hours
0.75

EYC-341 PriClassMethdEleMathSciSocSci

Course Description
An integrative methods course focused on developmentally appropriate planning and content area instruction and inquiry for primary grades; math, earth and space and physical science; historical, economic and political social science curriculums. Candidates will learn how to plan meaningful content area lessons that are based on best practices and current standards. They will also learn how to critically reflect upon instruction to improve lessons and plan next steps. The course meets for six hours a week, three of which are devoted to education lab experiences. EYC 341 must be taken concurrently with EYC 314, EYC 419 and EYC 450.

Credit Hours
1

EYC-350 Curric Instruct&Assitive Tech

Course Description
An advanced study of curriculum in Early Childhood Special Education environments. Course content includes methods and materials for teaching at the PK-2nd-grade levels, the use of assistive technology and augmentative communication system components and the decisions involved in selecting these components for individual students. EYC 350 must be taken concurrently with EYC 352, EYC 412, EYC 414 and EYC 416. Prerequisites: EYC 300, EYC 301, EYC 321, EYC 323, EYC 326, EYC 327 and EYC 328.

Credit Hours
0.75

EYC-352 Practicum II EarlyChildSpecEd

Course Description
A practicum that requires directed and supervised pre-clinical experiences in curriculum planning and instruction of science, math, literacy and social science, physical development and fine arts in Early Childhood Special Education/PreK environments, serving young children with Individualized Educational Plans, within an elementary school. The majority of the pre-clinical experiences will be in diverse settings, pre-arranged and supervised by program faculty. EYC 352 must be taken concurrently with EYC 350, EYC 412, EYC 414 and EYC 416 Prerequisites: EYC 300, EYC 301, EYC 321, EYC 323, EYC 326, EYC 327 and EYC 328. Pass/No Pass grading

Credit Hours
0.25

EYC-412 Assessing Young Children

Course Description
Strategies, procedures and formal and informal instruments for assessing young children's social, emotional, cognitive, communication and motor skills; family concerns, priorities and resources; and school, home and community learning environments; and methods for conducting formative and summative individual and program evaluation. EYC 412 must be taken concurrently with EYC 350, EYC 352, EYC 414 and EYC 416. Prerequisites: EYC 300, EYC 301, EYC 321, EYC 323, EYC 326, EYC 327 and EYC 328.

Credit Hours
0.75

EYC-414 EarlyChildSpecialEd Methods

Course Description
Developmentally and individually appropriate methods for fostering the social,emotional, cognitive, communication, adaptive, and motor development and learning of young children with special needs in various settings such as the home, the school and the community. EYC 414 must be taken concurrently with EYC 350, EYC 352, EYC 412, and EYC 416. Prerequisites: EYC 300, EYC 301, EYC 321, EYC 323, EYC 326, EYC 327 and EYC 328.

Credit Hours
0.75

EYC-416 STEAM Curriculum 3-5 Year Olds

Course Description
An integrative classroom methods course focused on developmentally appropriate planning and content area instruction for children 3-5 years of age with concepts and modes of inquiry related to math, life and environmental science, social science (geographical), fine arts, physical development and health curriculum. Candidates will learn how to plan meaningful content area lessons that are based on best practices and current standards. They will also learn how to critically reflect upon instruction to improve lessons and plan next steps. EYC 416 must be taken concurrently with EYC 350, EYC 352, EYC 412 and EYC 414. Prerequisites: EYC 300, EYC 301, EYC 321, EYC 323, EYC 326, EYC 327 and EYC 328.

Credit Hours
0.75

EYC-419 EvidBaseElmentAssess/LrnEnvir

Course Description
An advanced study of classroom environment and assessment requiring the use of data to create effective and responsive elementary classroom environments. Coursework involves continuous data collection and analysis with critical self-evaluation to support instructional decisions regarding planning, student learning and classroom relationships in a successful learning culture of collaboration, inclusion and achievement for all learners. EYC 419 must be completed concurrently with EYC 314, EYC 341 and EYC 450 the semester prior to student teaching. Prerequisites: EYC 350, EYC 352, EYC 412, EYC 414 and EYC 416.

Credit Hours
0.75

EYC-450 Practicum III-Collab&ProfPrac

Course Description
An advanced field-based, clinical experience designed to apply knowledge and skills from Block I and II coursework with a focus on effective instructional practices, optimal learning environments, professional collaboration, school policies and procedures (e.g., mandated reporting), and reflective practice. Candidates present their professional ePortfolios as part of the evaluation process for admission to student teaching. Requires a minimum of two full days per week in each of the prospective student teaching placements. EYC 450 must be taken concurrently with EYC 314, EYC 341 and EYC 419. Prerequisites: EYC 350, EYC 352, EYC 412, EYC 414 and EYC 416.

Credit Hours
1

EYC-454 Student Teaching

Course Description
Full-day assignment to an early childhood or kindergarten program (ages 3-5 years)in a public school or an elementary classroom(ages 5-8 years). EYC 454 must be taken concurrently with EYC 498. Prerequisites: EYC 314, EYC 341, EYC 419 and EYC 450. Pass/No Pass grading.

Credit Hours
3

EYC-498 Capstone Seminar

Course Description
An advanced clinical seminar that provides guided support on the preparation of final licensure and capstone assessments. Seminars focus on documenting teaching growth and performance using data collection and analyses with critical self-evaluation of the student teaching experience. The Educating Young Children Education Program's formal capstone project is presented as the culminating seminar project. EYC 498 must be completed concurrently with EYC 454. Prerequisites: EYC 314, EYC 341, EYC 419 and EYC 450.

Credit Hours
0.25

FEX-368 Field Experience

Course Description
The Field Experience program allows students to test classroom theory in a work setting. Students have traditionally worked in organizations from the downtown Loop to the Chicago land suburbs. You will be a full-time employee for most of January putting in a forty-hour week. Many students have secured full-time employment from their experience. The Field Experience is for one course credit and satisfies a 300-400 level course for graduation requirement. A list of possible worksites will be published in the fall. You should contact the Career Services Office in early September to sign up for site visitations. Deadline to sign up is November 1st. A signed permit from the Director of Career Services must be submitted with registration for FEX 368-15. Prerequiste: Consent of the Director of Career Education

Credit Hours
1

FRN-101 Elementary French I

Course Description
Conversation and fundamental grammatical structures introduced through communicative exercises and practice in reading and writing, speaking, and listening. Cultural context emphasized. FRN 101, placement or consent of the instructor. Fall Term.

Credit Hours
1

FRN-102 Elementary French II

Course Description
Conversation and fundamental grammatical structures introduced through communicative exercises and practice in reading and writing, speaking, and listening. Cultural context emphasized. Prerequisite: FRN 101. Spring Term.

Credit Hours
1

FRN-201 French Seal of Biliteracy

Credit Hours
1

FRN-201 Intermediate French I

Course Description
Practical conversation, review of grammar through oral practice, use of films, and other materials. Development of the skills of speaking and listening and the ability to communicate effectively while traveling in French-speaking countries. Intensive review of grammar. Prerequisite: FRN 102, placement or consent of instructor. Fall Term.

Credit Hours
1

FRN-201 French Commendation

Credit Hours
1

FRN-202 Intermediate French II

Course Description
Practical conversation, review of grammar through oral practice, use of films, and other materials. Development of the skills of speaking and listening and the ability to communicate effectively while traveling in French-speaking countries. Intensive review of grammar. Prerequisite: FRN 201 or placement or consent of the instructor. Spring Term.

Credit Hours
1

FRN-203 French Language & Culture

Credit Hours
1

FRN-215 January Paris:LivingParisianArt&Culture

Course Description
A faculty led travel course. This course is an exploration into the complexities and contradictions of Parisian arts and culture and its subsequent influence on Western civilization through experiential learning including historical sites, cultural artifacts and the fine arts. Taught in English. Students who wish to receive credit for the French major or minor must register for FRN 315 and complete all coursework in French. January Term only. No prerequisites.

Credit Hours
1

FRN-292 Independent Study

Course Description
A course for French majors who wish to pursue an intensive program of reading on an individual basis. Students must gain approval of department chair and instructor through a clear proposal of a unique project that cannot be realized in a traditional setting. Instructor permission required.

Credit Hours
0.5

FRN-301 French Seal of Biliteracy

Credit Hours
1

FRN-301 French Conversation & Composition

Course Description
Emphasis on improving oral and written expression of accurate, idiomatic French. Focus on improving communication skills through the enrichment of vocabulary, the reading of contemporary poetry and prose, and the use of videos, films, and magazines. Prerequisite: FRN 202 or placement or consent of instructor.

Credit Hours
1

FRN-302 Adv French Conversation & Composition

Course Description
Final review of grammar. Writing of one- to two-page compositions about topics of French culture and literature. Development of vocabulary and syntax necessary for sustained conversation in French. Prerequisite: FRN 301 or placement or consent of the instructor.

Credit Hours
1

FRN-305 Business French

Course Description
Presents the lexical, syntactical, and stylistic features typical for business French. Reading and discussion of business articles and correspondence. Study of cultural aspects of business communication. Areas covered include banking, advertising, import-export, insurance, computers, and travel. Prerequisite: FRN 302 or consent of instructor.

Credit Hours
1

FRN-310 Jan In Morocco:Explore N African ID&Cul

Credit Hours
1

FRN-314 Cultural Heritage France II

Course Description
A historical survey of French civilization in which literature, history, geography, arts, science, and political institutions are studied. Provides a framework in which to understand literature as well as contemporary events. Development of reading skills and emphasis on the cultural, sociological, and aesthetic implications of the texts. Taught in French. Prerequisite: FRN 302 or consent of instructor.

Credit Hours
1

FRN-315 January Paris:LivingParisianArt&Culture

Course Description
A faculty led travel course. This course is an exploration into the complexities and contradictions of Parisian arts and culture and its subsequent influence on Western civilization through experiential learning including historical sites, cultural artifacts and the fine arts. Taught in English. Students who wish to receive credit for the French major or minor must register for FRN 315 and complete all coursework in French. January Term only. Prerequisite: FRN 301 or equivalent.

Credit Hours
1

FRN-335 Frn/FrancophoneLit I-Pre-1800

Course Description
Selected readings in French and/or Francophone literture written between the Middle Ages and 1800. The focus of the course, which varies, will be defined in terms of a genre or theme. Individual works will be studied with their social, political, historical and aesthetic contexts. Sample topics: 17th-Century Theater, Love Across the Centuries, Revolutionary Literature. Taught in French. Can be repeated once for credit with different focus. Prerequisite: FRN 302 or consent of instructor.

Credit Hours
1

FRN-336 Frn/FrancphonLit II-Post1800

Course Description
Selected readings in French and/or Francophone literature written after 1800. The focus of the course, which varies, will be defined in terms of a genre or theme. Individual works will be studied within their social, political, historical and aesthetic contexts. Sample topics: Paris in 19th- and 20th-century French literature, the Francophone novel, 20th-Century French and Francophone Theater. Taught in French. Can be repeated once for credit with different focus. Prerequisite: FRN 302 or consent of instructor.

Credit Hours
1

FRN-452 Directed Reading

Course Description
A seminar providing the opportunity for intensive study of an author, a movement, or another discipline. Some past topics have included: Film and Literature, and advanced Business French. Repetition for credit with different topics. Prerequisite: FRN 302.

Credit Hours
1

FRN-492 Independent Study

Course Description
A course for French majors who wish to pursue an intensive program of reading on an individual basis. Students must gain approval of department chair and instructor through a clear proposal of a unique project that cannot be realized in a traditional setting. Instructor permission required.

Credit Hours
0.5

FRN-495 Honors Independent Research

Course Description
This course gives Honors Program students the opportunity to design and implement a significant research project in the field of world languages, culminating in an appropriate public dissemination of research methods and findings. This research must build upon previous coursework taken within the major or minor, facilitating faculty supervision and guidance. Repeatable for credit. Permission of the faculty supervisor and the director of the Honors Program required prior to registration.

Credit Hours
0.5

FRN-GLS French & TRNGLS

Credit Hours
1

FYS-100 First Year Seminar

Credit Hours
1

GEO-102 Earth System Science

Course Description
Scientific study of the connection between working systems of the Earth, their characteristics, patterns, and shaping processes. Topics include rocks and minerals, theory of plate tectonics, and landform created by rivers, glacier, wind, and ocean processes. Tools used include topographic maps, aerial photographs and spatial analysis software. Course includes a brief analysis of landform regions of the United States in a regional approach. Includes laboratory with required materials fee. Also offered in hybrid format

Credit Hours
1

GEO-105 Intro Atmospheric Science

Course Description
Study of the major characteristics, patterns, and processes of dynamic change that distinguish the Earth's weather and climate and its related influence on the biosphere. Topics include: solar and earth radiation, air temperature, air pressure and winds, precipitation, air masses and fronts, circulation patterns, severe weather occurrences, storms, and climate. The impact of human technology on weather and climate and the biosphere is discussed as a major social and ethical issue. Includes laboratory with required materials fee. Also offered in online format.

Credit Hours
1

GEO-111 Regional Stdy of Modern Industrial World

Course Description
A geographic overview of the distinctive characteristics. patterns, problems, and trends that distinguish life in the modern, industrial areas of the world where Western cultural influence has been pervasive, e.g., United States, Canada, Europe, European Russia, Japan, Australia, and New Zealand.

Credit Hours
1

GEO-112 Regional Study of the Developing World

Course Description
A geographic overview of life in the traditional societies of Latin America, Africa, and Asia. The distinctive identities of these regions and the current issues which influence their development are examined in light of major concepts and theories in geography, the cultural heritage of each region, and the global political-economic structure of the world.

Credit Hours
1

GEO-207 Foundations of GIS

Course Description
An introduction to spatial cognition, conceptualization and representation. Students explore physical and cultural landscapes using various mapping and geovisualization techniques and software tools. The geographic perspective is used to examine a broad range of topics including retail location, crime patterns, access to healthcare and environmental justice. No prerequisites.

Credit Hours
1

GEO-218 Geography of Religion

Course Description
This course approaches the diversity of practice and belief of the major world religions from a geographical perspective. Key topics include the development of religious hearths, processes in the diffusion of religion, the role of place within and among religious systems, their sub-branches and denominations, religious efforts to exert cultural territoriality over secular space, and the meanings and uses of sacred space at various scales. The relationship between religion and place is examined with emphasis on how religions change and adapt to new locales, particularly in the U.S. Contested religious spaces will be analyzed along with the geographical implications of religious fundamentalism.

Credit Hours
1

GEO-268 Internship

Credit Hours
0.5

GEO-292 Independent Study

Course Description
An opportunity to pursue additional research in topics of interest raised in any other geography course. The form of this offering is determined by nature of topic, student and instructor. The student may receive transcript credit for this course more than once, with a maximum of two courses. Prerequisite(s): consent of the department chair. Upon request.

Credit Hours
0.5

GEO-302 Urban Applications of GIS

Course Description
Examination of urban infrastructure systems, problems, environmental concerns from a spatial perspective. Urban infrastructure systems include water systems, air pollution concerns, and land issues as well as population migration trends in the form of urban sprawl. Case studies of resources in northeastern Illinois and field trips. Use of GIS methodology is stressed.

Credit Hours
1

GEO-304 Essentials of Environmental Toxicology

Course Description
A required course as part of the environmental geosciences program. Topics include an introduction to environmental health and safety personnel, regulatory health and safety concerns, personal protective equipment (PPE), elements of hazardous substance chemistry and toxicology, risk assessment and certification requirements. Students will become trained and certified in first aid, CPR, bloodborne pathogens, and if environmental geoscience majors, prepared for the OSHA 40-hour Hazardous Waste Operations (HAZWOPER) certification. Some field effort is required and guest speakers will be used to provide an insight into the health and safety aspects of environmental concern. A practical approach is stressed to solving environmental emergencies using ethical considerations. Prerequisites: introductory biology lab course or consent of instructor. ENV 303 is required of environmental geoscience majors.

Credit Hours
1

GEO-309 Spatial Analysis

Course Description
The first portion of the spatial analysis sequence of GEO 309 and GEO 400, this intermediate/advanced GIS course emphasizes real-world applications. Topics include: cartographic communication skills, working with projections, integrating disparate data sources, geometrical operations on discrete and continuous data, techniques for proximity an overlay analysis, and basic spatial statistical analysis methods. Students will complete a portfolio of exercises demonstrating broad GIS technical skills. Prerequisites: GEO 207 or consent of instructor. Fall term.

Credit Hours
1

GEO-313 Regional Study of Former Soviet Union

Credit Hours
1

GEO-320 Natural Hazards

Credit Hours
1

GEO-341 Natural Hazards

Credit Hours

1

GEO-400 Adv Spatial Analysis

Course Description

The second portion of the spatial analysis sequence, this advanced GIS course extends the analytical use of geospatial information through basic spatial analysis techniques, including explorative spatial data analysis, global and local analyses of spatial data, spatial regression, point pattern analysis, and surface trend analysis. This course exposes students to a variety of spatial analysis applications, including crime mapping, epidemiology and demographics. Students learn the key concepts and principles of spatial data analysis, develop spatial data manipulation and analysis skills, and gain hands-on experience through the use of Geoda, ArcGIS Spatial Statistics and Geostatistical Analyst tools. Prerequisites: GEO 207, GEO 309 and MTH 345 or MTH 346; or consent of instructor.

Credit Hours

1

GEO-452 Spec Tpcs:Geo & Geosciences

Course Description

Allows students and faculty to study topics which are not included in the normal course offerings of the department. Topics vary from semester to semester based on the interests of faculty and students as well as current trends in the discipline. Depending on the topic, consent of the instructor may be required. Consult appropriate term schedules for specific topic offerings and possible prerequisites.

Fall 2018 Topic: Crime mapping is used by analysts in law enforcement agencies to map, visualize, and analyze crime incident patterns. This course would provide an introduction to the theory and GIS techniques used by crime analysts in the field. Emergency managers and first responders use GIS tools to deliver situational awareness, engage with the public, and understand the impact of an event. They produce emergency maps, identify and prioritize potential threat levels, assist in conducting damage assessments, and develop comprehensive plans for evacuations and containment. This would familiarize students with desktop and web-based tools used in emergency response and mitigation.

Credit Hours

1

GEO-468 Internship

Course Description

.50 credit A geography internship designed to allow junior/senior majors the opportunity for work experience with private or governmental planning agencies. Required of GIS majors. Pass/No Pass only. Prerequisites: Major in geography or GIS and consent of department chair. Upon request.

Credit Hours

0.5

GEO-470 Research Methods in Geography

Course Description

.50 credit A course required of all majors in the Department of Geography and Geosciences. In a seminar setting, students will learn to undertake research and use various means to compile information and data required to undertake a formal research project. The student will develop a research project from the initial stages incorporating methods of geographic research and knowledge gained as geography or applied geospatial technologies major. To be taken in the first term of the senior year. Prerequisites: major in geography or applied geospatial technologies and consent of department chair; senior standing.

Credit Hours

0.5

GEO-471 Senior Research Seminar

Course Description

Required of all majors in the Department of Geography and Geosciences. Senior capstone project based on research proposal developed in GEO 470. Students are expected to work closely with a departmental advisor. The final project will be delivered in a format suitable for presentation at a professional conference or publication in an academic journal. To be taken during the final semester of the senior year.Prerequisites: Major in geography or GIS and consent of department chair;senior standing;GEO 470. Concurrent enrollment in ENG 303 is strongley recommended.

Credit Hours

0.5

GEO-492 Independent Study

Course Description

.50 or 1.00 credit An opportunity to pursue additional research in topics of interest raised in any other geography course. The form of this offering is determined by the nature of the topic, student, and instructor. The student may receive transcript credit for this course more than once, with a maximum of two courses. Prerequisite: consent of the department chair. Upon request.

Credit Hours

0.5

GIS-100 IntroGeospatial Technolgies

Course Description

This course is an introduction to geographic information systems (GIS), including its development, components, data types, formats and applications. It examines the processes involved in order to capture data, manipulate data, analyze date sets and display spatial data through online lectures and classroom hands-on computer experience. The use of GIS for practical "real-world" applications is emphasized. Students will be afforded the opportunity to learn about the broad applications of GIS appreciate the usefulness of it and use it as an invaluable tool to visualize spatial patterns not otherwise visible.

Credit Hours

1

GIS-200 Remote Sensing Techniques

Course Description
Remote sensing is the science of deriving information about the earth's land and water areas from images acquired at a distance. It usually relies upon measurement of electromagnetic energy reflected or emitted from the features of interest. Advances in detector technology, the public availability of improved datasets from new instruments and new approaches to data analysis will be presented in this course. As such, the ability to work with and interpret remote sensing data is a valuable addition to any spatial project. The emphasis in this class will be on traditional remote sensing techniques such as aerial photography and satellite imagery. However, an introduction to uses of radar, microwave, gamma ray and neutron remote sensing techniques will also be provided. Explanation of and practical applications of the global positioning system (GPS) are also covered. Prerequisites: GIS 100.

Credit Hours
1

GIS-300 Geospatial Capstone

Course Description
Utilizing knowledge from the previous courses in the sequence of the GIS Certificate Program, this course will expand upon spatial analyses and include applications for GIS. Students will gather data, build an original database and construct a project including an analysis of the information gathered to solve a practical problem. Projects will be presented and stored in the form of an electronic portfolio. Emphasis centers on hands-on training and solving practical spatial problems. Prerequisites: GIS 100, GIS 200, ISG 100 and ISG 200.

Credit Hours
1

GLE-250 Preparing for International Education

Course Description
Quarter Course

Credit Hours
0

GLE-251 Unpacking Study Abroad

Credit Hours
0.25

GRM-101 Elementary German I

Course Description
Introduction to German. Focus is on communicative competency, i.e., learning to understand and speak German. Study of German culture. Most learning of the language is done through drill sections, lab sessions, interviews, and role playing. Fall Term.

Credit Hours
1

GRM-102 Elementary German II

Course Description
Introduction to German. Focus is on communicative competency, i.e., learning to understand and speak German. Study of German culture. Most learning of the language is done through drill sections, lab sessions, interviews, and role playing. Prerequisite: GRM 101 or equivalent. Spring Term.

Credit Hours
1

GRM-201 Intermediate German I

Course Description
Continued development of listening, speaking, reading, and writing skills. Use of films, slides, and tapes to develop skills and learn more about German culture. Readings about German life. Includes a comprehensive review of grammar. Prerequisite: GRM 102. Fall Term.

Credit Hours
1

GRM-201 German Commendation

Credit Hours
1

GRM-201 German Seal of Biliteracy

Credit Hours
1

GRM-202 Intermediate German II

Course Description
Continued development of listening, speaking, reading, and writing skills. Use of films, slides, and tapes to develop skills and learn more about German culture. Readings about German life. Includes a comprehensive review of grammar. Prerequisite: GRM 201. Spring Term.

Credit Hours
1

GRM-215 Berlin, Prague,Vienna:Lang & Legacy

Credit Hours
1

GRM-301 German Conversation & Composition

Course Description
Primary emphasis on improving listening, speaking, and writing skills. Use of readings covering many different aspects of contemporary German life and culture. Short compositions and grammar review. Prerequisite: GRM 202 or equivalent. Fall Term.

Credit Hours
1

GRM-301 German Seal of Biliteracy

Credit Hours
1

GRM-302 Adv German Conv & Comp

Course Description
Final review of grammar. Writing of one-to two-page compositions about topics of German culture and literature. Development of vocabulary and syntax necessary for sustained conversation in German. Prerequisite: GRM 301 or equivalent. Spring Term.

Credit Hours
1

GRM-305 Business German

Course Description
Presents the lexical, syntactical, and stylistic features typical for business German. Reading and discussion of recent business articles and correspondence. Study of cultural aspects of business communication. Topics include banking, advertising, import-export, travel, and industrial relations. Taught in German. Prerequisite: GRM 301 or by consent of instructor.

Credit Hours
1

GRM-312 Berlin,Prague,Vienna-Lang & Legacy

Credit Hours
1

GRM-313 German Civilization & Literature I

Course Description
A historical survey of the history, literature, geography, arts, and political institutions of the German-speaking countries. Background for an understanding of contemporary German culture and of the literary traditions of the German-speaking peoples. Required of all German majors. Taught in German. Prerequisite: GRM 301 or equivalent.

Credit Hours
1

GRM-315 Berlin,Prague,Vienna:Lang & Legacy

Credit Hours
1

GRM-335 German Literature in Context I

Course Description
Selected readings in German literature written before 1900. Individual works will be studied within their social, political, historical and aesthetic contexts. The focus of the topics course will vary. Sample topics: The Novella 1700-1900; Literature and German history - Reformation to 1900; Literature and philosophy; Literature in the context of music and the graphic arts. Taught in German. Can be repeated once for creditwith different focus. Prerequisite: GRM 301 or equivalent.

Credit Hours
1

GRM-336 German Lit in Context II

Course Description
Selected readings in German language literature written between 1900 and the present. Individual works will be studied within their social, political, historical and aesthetic contexts. The focus of the course will vary. Sample topics: Viennese literature and culture 1890-1914; literature in Berlin 1910-1945; literature and silent film in the Weimar era; Expressionism in drama, art and architecture; literary responses to the Third Reich (exile, Holocaust, Nazi aesthetics); Literature and cultural trends after 1945; Contemporary cinema and literature. In German. Can be repeated once for credit with different focus. Prerequisite: GRM 301 or equivalent.

Credit Hours
1

GRM-415 Berlin,Prague,Vienna:Lang & Legacy

Credit Hours
1

GRM-452 Directed Reading

Course Description
A seminar providing opportunity for intensive study of an author, a period of German literature, or another discipline. In addition to the readings, emphasis is on oral skills. Some past topics have included: history of the Third Reich, the Novelle, advanced business German, and contemporary German culture. Repetition for credit with different topics. Prerequisite: GRM 301 or equivalent.

Credit Hours
1

GRM-492 Independent Study

Course Description
For German majors who wish to pursue an intensive program of reading on an individual basis. Students must gain approval of department chair and instructor through a clear proposal of a unique project that cannot be realized in a traditional setting.

Credit Hours
0.5

GRM-GLS German & TRNGLS

Credit Hours

1

HCA-502 Health Care Finance

Course Description

This course introduces students to relevant funding and revenue sources for health care delivery in both for profit and not for profit environments, and their impact on quality and access to care. Students will examine documents that demonstrate the overall financial stability of health care organizations. In addition, students will research additional funding sources related to clinical research and access to care and the impact of these funding sources in a variety of settings.

Credit Hours

0.75

HCA-506 Hlth Care Policy,Law,&Ethics

Course Description

Examines the changing legal and ethical trends in delivery of health care. Concepts of social justice, benefience, non-maleficence, and autonomy are emphasized. The student will develop skills related to risk management, ethical decision-making, employment law, and effective health care communication.

Credit Hours

0.75

HIS-101 American History Before 1865

Course Description

A topical survey of the history of America from European, African and Native American origins to the Civil War. Special attention is paid to our roots in Western culture and the blending with other cultures. A survey of the founding, independence, nation building and disruption leading to the Civil War. Fall Term.

Credit Hours

1

HIS-102 The United States from 1865 to Present

Course Description

A topical survey of the emerging facets of an increasingly complex industrial society emerging from the Civil War. Problems related to an increasingly urbanized, multi-national society with effects upon politics, economics and culture are examined. Movement on through to a postindustrial society will be traced. Prerequisite(s): No prerequisite. Spring Term.

Credit Hours

1

HIS-111 Survey of Western Civilization I

Course Description

An introduction to the Western tradition. From ancient Mesopotamia to the beginnings of the Reformation, the political structures, religious and philosophical beliefs, and cultural achievements of the Western tradition are emphasized. Fall Term.

Credit Hours

1

HIS-112 Survey of Western Civilization II

Course Description

An introduction to the Western tradition beginning with the Reformation and continuing to the present day. Political, religious, and cultural themes are joined by economic and social advance in the modern world. Spring Term.

Credit Hours

1

HIS-116 Survey of Non-Western Civilization II

Course Description

An introduction to the civilizations of India, Africa, China, Latin America, and the Near East from circa AD 1500 to the present. Political, religious, cultural, economic, social, and intellectual aspects of these societies will be examined using a variety of disciplines and methodological approaches.

Credit Hours

1

HIS-170 Latin American History

Course Description

A historical survey of Latin America, from pre-Columbian times to the present, with emphasis on the evolution of civilization and culture in the countries of South and Central America and the Caribbean basin. Beginning with the pre-Columbian indigenous societies, the course will then examine the conquest, colonial institutions, independence, and the emergence of modern Latin American nations.

Credit Hours

1

HIS-212 Role of Great Personalities in History

Course Description

An examination of selected personalities who have made a major contribution to their age or time. Attention is given to the impact of the time and circumstances upon these persons. The assessment of several historical interpretations is used to evaluate the contributions of such personalities.

Credit Hours

1

HIS-215 Intro to Women's History

Course Description
This course will survey the history of women and gender in the United States from pre-European settlement to the present. The course will be structured on three main themes: women's work and the sexual division of labor; the relationship between gender, politics, and the state; and women's family roles and sexuality.

Credit Hours
1

HIS-292 Independent Study

Course Description
A student majoring in the Department of History is encouraged to engage in an independent study. The area of investigation must be approved by the chair of the department. A thesis must be presented, giving evidence of the scope of research and depth of insight gained. Repeatable for credit. Prerequisite(s): consent of instructor.

Credit Hours
0.5

HIS-311 England to the Stuart Age

Course Description
England from its beginnings to the age of the Stuarts. Political, social, and constitutional history is traced through the 16th century, including the rise of England as a European and colonial power.

Credit Hours
1

HIS-312 Modern Britain

Course Description
From the Stuart age to the present day. The course traces the formation of the United Kingdom, industrial and political development, intellectual life, and Britain146s role as an imperial power.

Credit Hours
1

HIS-321 Colonial America

Course Description
This course examines the European colonization of North America between roughly 1500 and 1750 and its impact on Indigenous peoples as well as Africans brought to the continent in chains. The course begins with an exploration of the diverse civilizations that existed before the arrival of Europeans and ends with the outbreak of the Seven Years War, a contest for European empire that dramatically reshaped the map. We will analyze the successive waves of trans-Atlantic migration that resulted in opportunity for some but tragedy for others, including epidemics, war, and the descent into racialized slavery. The central question of the course is how race was created to justify colonization and enslavement, a development that continues to shape the fate of the United States. Other themes will include gender, religion, trade, property, wealth, government, and the meaning of community among the diverse inhabitants of the continent.

Credit Hours
1

HIS-322 Revolutionary America

Course Description
Revolutionary America examines the birth of the United States. It begins with the French and Indian War, which set events in motion that led to the Revolutionary War a dozen years later, and ends with the War of 1812, sometimes called the Second War of American Independence. In this course, students will evaluate the causes of the Revolution and examine how a group of diverse and weakly connected colonies were able to defeat the world's greatest military power. They will also analyze the struggle to reconcile the ideals of the Revolution with the reality of most people, including Indians, the First Americans. In addition, they will weigh tensions between slavery and freedom, the development and ratification of the Constitution, the rise of political parties, the role of women in the new nation, and the lasting global impact of the Declaration of Independence.

Credit Hours
1

HIS-323 Industrial Age America

Course Description
Industrializing America examines the events in the United States between the War of 1812 and World War I. The key focus will be an exploration of the impact of the Market Revolution and Industrial Revolution on American lives. We will evaluate the multiple connections between the development of capitalism and the existence of slavery in the United States, followed by an in-depth study of the ways that racial subjugation continued to shape the nation after the Civil War. In addition, we will analyze the antebellum and progressive reform movements as middle-class responses to industrialization, and especially the urbanization and immigration that accompanied it. Finally, we will examine the rise of the labor movement and the efforts of American workers to maintain control over the workplace despite dramatic changes in the structure of the economy. No Prerequistes

Credit Hours
1

HIS-324 United States in 20th Century

Course Description
A concentrated study of the political, economic, intellectual, and social factors in 20th-century America. An analysis of the meaning of such issues as World War I, the 1920s, the depression, World War II, postwar affluence, and the 1960s. Special attention is paid to the dynamics of modern America, the end of the Cold War, and the post-industrial society.

Credit Hours
1

HIS-343 Medieval History

Course Description
From the decline of the Roman Empire to the beginning of the Renaissance in Italy with special attention is given to feudalism, economic and cultural patterns of the period, and the life and struggle of the church.

Credit Hours
1

HIS-344 The Renaissance and the Reformation

Course Description
From the Renaissance in Italy to the close of the Council of Trent with emphasis upon the intellectual, artistic, social, and theological developments culminating in the Reformation movements.

Credit Hours
1

HIS-353 The American West

Course Description
This course examines the history of the American West, a region that was only seen as "the West" from the viewpoint of Anglo settlers. The Spanish and Mexicans viewed it as "El Norte" or "the North." Asians saw it as "the East." Indigenous peoples understood it as the center of the world. All these groups met in this rich land and shaped its history, creating one of the most diverse societies in world history. Our analysis begins in 1803 with the Louisiana Purchase and the Lewis and Clark expedition and ends with the current conflict over immigration, drug trafficking, the "wall," and environmental concerns, among other issues involving the border.

Credit Hours
1

HIS-354 U.S. Environmental History

Course Description
This course is a broad survey of American history from an environmental perspective. Environmental history is the study of the interactions between human societies and the natural world. Students will study the ways that different groups of Americans adapted to and changed the landscape and also examine their ideas about nature. The course begins with the European colonization of North America and examines regional developments in New England and the South during the colonial era. The middle of the course analyzes the environmental transformations of four U.S. regions during the nineteenth century: the Northeast, the Midwest, the South, and the West. The final section of the course examines the twentieth and twenty-first centuries with a focus on broad national movements that include conservation, the environmental justice movement, and climate change activism.

Credit Hours
1

HIS-355 Forming the Chicago Ghetto

Credit Hours
1

HIS-365 History of East Africa

Credit Hours
1

HIS-367 History of West Africa & Slave Trade

Credit Hours
1

HIS-371 History of Africa, 1500-1960

Credit Hours
1

HIS-443 His of Europe:1815-Eve World War I

Course Description
An analysis of the spirit of 19th-century Europe as reflected in the political revolutions, the rise of nationalism, the unifications of Italy and Germany, and the scientific and cultural movements of the period.

Credit Hours
1

HIS-444 Europe in 20th Century

Course Description
A topical survey of the dramatic events occurring in the 20th century including two World Wars, Bolshevism, Fascism, a bipolar world, and the process of emerging nations.

Credit Hours
1

HIS-445 Topical History Seminar

Course Description
Topics change each term. The seminars are taught by different members of the department and acquaint the student with the nature of historical inquiry and the use of primary sources. Can be repeated for credit.

Credit Hours
1

HIS-451 Seminar in Historiography

Course Description
A detailed and intensive study of the art and the science of the writing of history. Lectures, discussions and class reports. Students are urged to take this course offered in the January Term Prerequisite: junior/senior standing or consent of instructor.

Credit Hours
1

HIS-452 Senior Thesis

Course Description
This course is required of every student majoring in history and is to demonstrate the research, writing, and analytical skills of the graduating senior. To be taken in the first or second term of the senior year, this research paper will provide evidence of what the student has learned by having been a history major in terms of knowledge, skills, and insights. The topic of the paper will be selected by the student in consultation with a faculty advisor. Prerequisite: Majors only.

Credit Hours
1

HIS-468 Internship

Course Description
Credit given for students employed by historical agencies, museums, and similar institutions. Students must recognize and demonstrate the connection between their academic studies and their field experience in regular reports to the faculty supervisor. Recommended for students intending to pursue employment in museums and foundations or graduate work in museum studies/local history. Pass/No Pass grading. Prerequisite: junior or senior status; permission of department chair.

Credit Hours
0.5

HIS-492 Independent Study

Course Description
A student majoring in the Department of History is encouraged to engage in an independent study. The area of investigation must be approved by the chair of the department. A thesis must be presented, giving evidence of the scope of research and depth of insight gained. Prerequisite: consent of instructor.

Credit Hours
0.5

HIS-495 Honors Independent Research

Course Description
.50 credit This course gives Honors Program students the opportunity to design and implement a significant research project in the field of history culminating in an appropriate public dissemination of the research methods and findings. This course must be taken concurrently with another 300-400 course in the major or minor, facilitating faculty supervision and guidance. Permission of the faculty supervisor and the Director of the Honors Program required prior to registration.

Credit Hours
0.5

HON-104 HonSem:ENG106 Comp II

Course Description
Honors 104 is the second course in a two-part sequence designed to develop college-level writing and critical reading skills. This course fulfills Elmhurst College's general education requirement in Writing and Reasoning. This course is the Honors Program designation of English 106.

Credit Hours
1

HON-105 HonSem:COM 114 Interpersonal Comm

Course Description
A course designed to enhance interpersonal communication skills as well as survey-related theoretical foundations. The focus of the course is on verbal and nonverbal forms of human interaction. Issues such as listening, self-disclosure, conflict management, and relational development and disengagement are explored in theory and practice.

Credit Hours
1

HON-204 HonSem:Eng 220-Principles of Lit Study

Course Description
Wide range of honors-level General Education courses, representing various AoK's and tags are offered. These courses focus on innovative and challenging ways to fulfill the designated goals of General Education Program. Courses are limited in size and designed to actively engage students in their own learning process, fostering a lifelong desire for learning. Courses frequently draw upon primary sources for research and impetus for discussion; incorporate writing as a powerful learning tool; expand intercultural awareness in our increasingly diverse world; and advocate experiential learning, including service-learning and international experiences, in recognition of the limitless educational opportunities of the world beyond the classroom. All of the courses engage students in critical and creative inquiry within a socially-responsible and ethical context, enhancing their potential for personal fulfillment and significant contributions.

Credit Hours
1

HON-210 Honors Seminar: URB 210 Cities

Credit Hours
1

HON-212 HonSem: ES200 Environmental Science I

Course Description
This course provides an introduction to environmental science in an interdisciplinary context. An examination of deep time and reconstruction of past climates provides context for our understanding of modern climate change. Scientific methodology, ethics in scientific research, data analysis, and the evaluation of scientific claims are emphasized throughout. Includes laboratory.

Credit Hours
1

HON-213 HonSem: WL215:Geno&Holocaust

Course Description
Inquiries into Ethics and Justice (These courses explore theories and instances of justice and injustice in current and historical societies. Students will analyze different systems of values that inform how people interact as individuals as well as members of larger societal groups. Courses in this area examine ethical reasoning bearing on such principles as liberty, rights, dissent, moral status, equality, and justice.)

Credit Hours
1

HON-214 Development of the Theatre

Course Description
An introduction to the art of the theatre from its historical roots to contemporary practice. Topics include theatre as an art form, the structure and types of drama, theatre architecture, the role of the audience, and contemporary production practice. This is the Honors designation of THE 227.

Credit Hours
1

HON-215 HonSem: ART120 Painting Studio

Course Description
The basic concepts of visual literacy, techniques, materials, and traditional subject matter are used to develop skills in painting and fundamental concepts of art. Emphasis will be on composition and production of painting projects and on the aesthetic and formal principles that inform them. No previous experience is necessary. No prerequisite.

Credit Hours
1

HON-250 Intercultural Seminar

Course Description
This course is offered in conjunction with the intercultural lectures held on campus each fall and spring term. The class meets as a seminar for text-based discussions prior to each speaker's visit. Students then meet with each speaker when they arrive on campus prior to attending the two lectures. After each speaker's visit, post discussions are held. Meets for 6 weeks. Repeatable for credit.

Credit Hours
0.25

HON-251 British Life and Culture

Course Description
The course will advance students' knowledge of the history, culture, and resources of Britain through the study of appropriate print, visual, and physical resources; broaden students' understanding of contemporary societal challenges in Britain, esp. Liverpool; and engage students in meaningful interactions with local British residents through a special LH "International Certificate of Service and Leadership" Program. It will culminate in a research essay on a topic selected according to each student's interests and/or intended major.

Credit Hours
1

HON-300 Honors Service Seminar

Course Description
This course meets weekly for one-hour discussions. Students conduct a scholarly investigation of service through reading and discussing varied theories and applications of service design and through participating in a semester-long service experience for a minimum of 25 service hours. Service-Learning locations appropriate to each student's major and/or significant areas of interest are selected. Students maintain a detailed reflective journal on the service experience for the 13 weeks of site placement. At the conclusion of the course, students compose a summative, reflective essay relating the site experience to the readings and course goals.

Credit Hours
0.5

HON-302 HonSem:COM315-Intercultrural Communicat

Course Description
Wide range of honors-level General Education courses, representing various AoK's and tags are offered. These courses focus on innovative and challenging ways to fulfill the designated goals of General Education Program. Courses are limited in size and designed to actively engage students in their own learning process, fostering a lifelong desire for learning. Courses frequently draw upon primary sources for research and impetus for discussion; incorporate writing as a powerful learning tool; expand intercultural awareness in our increasingly diverse world; and advocate experiential learning, including service-learning and international experiences, in recognition of the limitless educational opportunities of the world beyond the classroom. All of the courses engage students in critical and creative inquiry within a socially-responsible and ethical context, enhancing their potential for personal fulfillment and significant contributions.

Credit Hours
1

HON-303 HonSem:REL323-Religion & Science

Course Description
Wide range of honors-level General Education courses, representing various AoK's and tags are offered. These courses focus on innovative and challenging ways to fulfill the designated goals of General Education Program. Courses are limited in size and designed to actively engage students in their own learning process, fostering a lifelong desire for learning. Courses frequently draw upon primary sources for research and impetus for discussion; incorporate writing as a powerful learning tool; expand intercultural awareness in our increasingly diverse world; and advocate experiential learning, including service-learning and international experiences, in recognition of the limitless educational opportunities of the world beyond the classroom. All of the courses engage students in critical and creative inquiry within a socially-responsible and ethical context, enhancing their potential for personal fulfillment and significant contributions.

Credit Hours
1

HON-304 HonSem:PHL306-Ethics

Course Description
An analytical and critical examination of classical and contemporary moral theories, supplemented by an examination of selected moral problems. Topics include the principles and methods of both ethical theory and moral choice.

Credit Hours
1

HON-305 HonSem:REL302-Biblical Prophets

Course Description
This course uses different methodologies (historical, cross-cultural, sociological, literary/oral poetic, feminist/womanist, post-colonial) in the study of the prophets of the Hebrew Bible/Old Testament in their contexts and in relation to today. The course examines definitions of prophets in the Bible in their ancient environment, both male and female prophets, over the course of ancient history; the biblical prophetic books, prophets' primary concerns, rhetoric, actions, and how these may have changed over time.

Credit Hours
1

HON-310 Model United Nations

Course Description
This course is designed to teach about the basic structure/organization, functions, history and procedures of various intergovernmental organizations (IGOs). The focus is on the United Nations and its related agencies. The course provides a first-hand opportunity to learn about the United Nations through participation in the American Model United Nations Conference. In addition to collecting relevant background information on the UN, students do in-depth research on a specific UN committee or agency, a specific international topic that will be dealt with by their assigned committee at the conference and a specific UN member state. Open to non Honors Program students with consent of the instructor. Repeatable for credit. May count as one course toward the POL major or minor.

Credit Hours
0.5

HON-313 Honors Sem: PSY 303 Social Psychology

Credit Hours
1

HON-314 HonSem: HIS 355 Forming Chicago Ghetto

Course Description
This course explores Chicago's twentieth-century urban development, with an emphasis on residential segregation created through suburbanization and "inner-city" ghetto formation. A key component of the course will be an in-depth examination of the early federal housing policies that encouraged "white flight" to the Chicago suburbs-including middle-class immigrant communities and, eventually, middle-class African Americans-while anchoring impoverished African Americans and other underserved populations in ill-conceived public housing complexes such as Cabrini-Green and the Robert Taylor Homes. In addition, we will examine the impact of Chicago's Plan for Transformation and other recent efforts at gentrification on inner-city communities. We will also have the pleasure of working with Sherry Williams, President of the Bronzeville Historical Society, who will lead our field trip through Chicago's Southside communities and direct our service learning project.

Credit Hours
1

HON-315 HonSem: SOC 304 Race & Ethnic Relations

Credit Hours
1

HON-316 Honsem: Psy 333 Human Sexualit

Course Description
This course is an examination of human sexuality and sexual behavior from a biopsychosocial perspective. Sexuality is an intentionally broad term, containing influences from biological sexual characteristics, cultural background, gender identification, and sexual orientation. A primary focus of the course is understanding, exploring, and contextualizing the diversity of expression was seen for each of these influences. Further, much of the course will center on understanding how each of these influences all converge to create an identity and also affect sexual response. Controversial topics covered typically include abortion, contraception, the impact of HIV/AIDS, the intersection of sexuality and mental healthcare, the LGBTQ+ experience, sex work, and sexual subcultures, among others. There

is emphasis on understanding sexuality and discussing these controversial topics through relying on contemporary empirical literature and methodology. Prerequisite PSY 210.

Credit Hours
1

HON-317 HonSem:ENG336ComtemporaryLiterature

Course Description
Leading writers in literature since World War II, from such writers as Hemingway, Faulkner, and Thomas Wolfe to Chinua Achebe, Thomas Pynchon, and Toni Morrison. Each term146s offering will focus on a specific group or genre of contemporary literature, such as African-American writings or the writings of Generation X. Prerequisite: ENG 105 or equivalent.

Credit Hours
1

HON-318 HonSem:WL309 World Cinema

Course Description
This course gives students an advanced understanding of key trends, directors, genres and films in the history of world cinema, from its 19th-century origins through present day. You will learn how to analyze different aspects of film, ranging from lighting, shot scale, camera movements, to editing while studying movements such as German Expressionism, Soviet Montage, the French New Wave, Italian Neorealism, postwar art cinema, and Third World Cinemas.

Credit Hours
1

HON-320 Chicago's Great Libraries

Course Description
The Library as Institution has long been acknowledged as a place of knowledge. However, libraries have always been -- and continue to be -- so much more. Moreover, the libraries of Chicago have grown and adapted to meet the city's, and the world's, changing needs. Join library faculty and explore libraries of all types in Chicago and surrounding areas in a truly interactive class. Students will learn first-hand how various libraries operate, visit the communities they serve, and reflect on the library's evolving and important role in our immediate surroundings, and in the world at large.

Credit Hours
1

HON-322 January Term Honors Options

Course Description
Elective offerings covering a wide variety of topics are offered during each January term. These range from discussion-based courses on classical and contemporary issues to field-based courses with significant experiential components to international courses in a variety of locations.

Credit Hours
1

HON-326 Jan Term Honors Electives

Course Description
Elective offerings covering a wide variety of topics are offered during each January term. These range from discussion-based courses on classical and contemporary issues to field-based courses with significant experiential components to international courses in a variety of locations.

Credit Hours
1

HON-328 Going to the Movies

Course Description
This course explores the language and narrative of film. Since the early days of the twentieth century with one of the earliest silent films "The Great Train Robbery" in 1903 by Edwin S. Porter and, later, the first talking film "The Jazz Singer" released in 1927, movies have fascinated audiences. In the twenty-first century, films remain a powerful force in American popular culture. They amaze and shock us, cause us to cry and laugh, inform us, and influence our understanding of ourselves and the world in which we live. Despite being defined as "just entertainment," films offer common cultural experiences that provide the stories that communicate social values and mores, belief systems, and modes of living. Becoming active and critical viewers of film rather than passive consumers of this form of mass culture is an important goal in contemporary society. This class will explore the ways in which a film tells a story. Although the language of film shares some of the qualities of literary language, movies also employ all sorts of unique tools to shape the narrative. By the end of the course, students should be able to analyze how such tools as editing, sound, mise en scene, composition, light, camera angles and distance, and narrative structure contribute to meaning. The choice of films will allow us to think more about the genre of filmmaking. Knowing the "kind" of film we plan to watch, sets up all sorts of expectations about what we will see and how the film will tell us the story. Genres such as the western, the romantic comedy, the gangster film, the horror film, the action film, the coming of age movie, film noir, and sci-fi draw on established story patterns and provide a rich history for film. Students will have the chance to refine their critical thinking skills, develop their writing, and participate in class discussions. Course assessment will include short response papers, film analyses, quizzes on film terms, and a final critical essay. A note about potentially sensitive film content: Some of the films we will see are rated R and may contain violent and/or sexual content. Students should be prepared to discuss these topics as they relate to the analysis of the film.

Credit Hours
1

HON-329 Intro To Academic Research

Course Description
The course provides a broad introdution to methods of primary research, surveying and comparing qualitative, quantitative, and mixed approaches, and exploring their concomitant philosophical assumptions. Students will learn about the importance of precisely phrased research questions, developing a research question that could possibly serve as a foundation for a future project. In cultivating a broad awareness of various research methods, students will discern and explore the integral connection among research question, choice of methodology, and choice of interpretive framework. Students will also practice reading journal articles and other scholarly resources analytically, and learn how to identify various genre conventions deployed, like the ways in which academics from across disciplines delineate a scholarly conversation in which to situate their argument. Students will also learn about the Institutional Review Board (IRB) and the process of applying for IRB approval.

Credit Hours
1

HON-330 Courage to Change

Course Description
This course will investigate how the historical model of the Niebuhrs (Reinhold, H. Richard, Hulda and Ursula Niebuhr) informs our contemporary self-construction and engagement with social change. We will examine ways their lives speak to us, as inheritors of the Niebuhr legacy at Elmhurst University, and the ways our lives speak in response to the ongoing call to social justice.

Credit Hours
1

HON-331 HonSem:PSY320 CurrentApplications Psych

Course Description
This course is the application of psychological theories, procedures, and methods to a variety of current issues, such as cross-cultural psychology, emotional memories, or motivation. Topics are selected based on their applied and theoretical relevance to psychology, as well as their practical importance to a wide range of disciplines. Students are expected to develop projects to explore the application of these topics to real-world psychological problems and issues. Prerequisite: PSY 210. May be repeated for credit.

Credit Hours
1

HON-332 Exploring African American Women's Voice

Course Description
This course will utilize literary concepts and techniques to provide students with the opportunity to examine and deconstruct a variety of texts. It will specifically foster critical thinking and reading to interpret the social and historical contexts of gender, socioeconomic, and racial intersections of African American voices in American Literature. In this largely discussion-based course, students will be challenged to articulate newfound insights in varied forms. This course is an ideal opportunity to broaden our curriculum in an effort to extend and deepen continuing campus conversations that surround diverse and intersectional American experiences and voices. Introduces literary concepts and techniques to provide students with the opportunity to examine and deconstruct a variety of text. Engages with critical reading to interpret the social and historical contexts of gender, socioeconomic and racial intersections of African American voices in American Literature. This course is an ideal offering to extend offerings that continue campus conversations surrounding diverse and intersectional American experiences and voices.

Credit Hours
1

HON-333 Don't Dis That Disability!

Course Description
According to the United Nations, approximately 10% of the population of the world (over 650 million people) live with a disability. Individuals with disabilities are the largest minority in the US and in the world and, according to the World Health Organization, this number is on the rise. Individuals with disabilities face challenges and discrimination in social interactions, the workplace, housing, transportation, and so forth. The abilities and challenges of individuals with disabilities often are misunderstood, and people may avoid interacting with individuals with disabilities because they are uncertain about how to approach them.

Credit Hours
1

HON-334 Honors Directed Cinema

Course Description
This course affords Honors Program students the opportunity to participate in scholarly discussions of selected films with faculty member(s) and fellow Honors Program students. The course is conducted as an investigation of three genres/ directors/ film history periods over the term, representing a wide variety of cinematic techniques, themes, and expression. At the conclusion of each cinematic exploration and discourse review, investigation, students write a critical response essay. These essays will allow students to demonstrate their critical thinking and analytic skills re film study and films relevance to both contemporary issues and to a broader understanding of the nature of the human experience.

Credit Hours
1

HON-350 Honors Directed Readings

Course Description
This course affords Honors Program students the opportunity to participate in scholarly discussions of selected texts in small group settings with a faculty member and fellow Honors Program students. The course is conducted as three separate four-week sessions over the term, each led by a different faculty member, representing a wide variety or disciplines. Faculty text choices are pre-announced, allowing students to select their text and discussion leaders. At the conclusion of each session, students write a critical response essay. Prerequisite: Honors Program or consent of the Honors Program Director or Assistant Director. Repeatable for credit with varied book choices.

Credit Hours
0.5

HON-351 Global Reflection

Course Description
.50 credit This course is designed to maximize students' study abroad experience by providing serious, guided exit reflection upon their return from overseas. Open to students who studied abroad any time during the previous four terms, including J-Term. Open to Honors Program and others by permission of the instructors.

Credit Hours
0.5

HON-404 Honors Interdisc. Seminar

Course Description
This team-taught interdisciplinary course challenges students to conduct serious inquiry of complex issues meriting contemporary concern. Students read and discuss course texts and then design individual research projects related to the course theme and appropriate to their major area of academic study. These projects must be submitted for presentation at an external scholarly venue such as a professional conference, workshop, and/or academic journal. Prerequisite: Junior or senior standing or consent of the Honors program Director or Assistant Director. Repeatable for credit with permission of the Honors Program Director or Assistant Director. Spring Term.

Credit Hours
1

HST-400 Scientific Terminology

Course Description
This course provides a systematic introduction to scientific terminology, the international language of the sciences. Students will acquire a working knowledge of Greek, Latin, and modern roots, prefixes, suffixes and combining forms. Students will learn the principles of word analysis, construction and pronunciation, and will apply these concepts to reading scientific literature and writing scientific assignments. The course is designed for students interested in pursuing careers in biology, chemistry, physics, medicine, or allied health sciences and is required for HST majors.

Credit Hours
1

HST-498 Capstone Seminar

Course Description
.50 credit A course required of all Heath Science Technology majors in the Department of Biology. In addition to journal article discussions, students will summarize and share their research experiences in a professional presentation suitable for scientific meetings or conferences. The presentation will provide evidence of what the student has learned by having been an HST major in terms of knowledge, skills, and insights. To be taken in the first or second term of the third year for affiliate program matriculants and in fourth year for those not moving on to offsite program. Prerequisites: Successful completion of the core requirements and an organismal-level biology major course, or permission of the department chair.

Credit Hours
0.5

IS-224 Visual C# ProgrammingLanguage

Course Description
This course introduces Visual C# programming language. The student will write programs in Visual C# that demonstrate the features of the C# language including control structures, input/output operations and use of library functions such as those that are used to implement graphical user interfaces and to access databases. This course is recommended not only for IS and CS majors, but also for students majoring in business, the natural sciences, mathematics and other disciplines in which programming a personal computer is required. Prerequisite: CS 220.

Credit Hours
1

IS-325A Programming Languages:COBOL

Course Description
Programming Languages is a .50 credit online course designed to provide students with an in-depth understanding of one programming language that is in demand in the marketplace. Languages chosen vary by semester and include both legacy programming languages that are still in high demand and evolving programming languages that are beginning to see industry demand. This course may be repeated for credit with instructor or academic advisor approval. Prerequisite: Two programming languages, which may or may not cover different languages. Any two equivalent courses from the following set: CS 220, CS 255, IS 224, CS 440, IT 232, IT 482.

Credit Hours
0.5

IS-325B Programming Languages: R

Course Description
Programming Languages is a .50 credit online course designed to provide students with an in-depth understanding of one programming language that is in demand in the marketplace. Languages chosen vary by semester and include both legacy programming languages that are still in high demand and evolving programming languages that are beginning to see industry demand. This course may be repeated for credit with instructor or academic advisor approval. Prerequisite: Two programming languages, which may or may not cover different languages. Any two equivalent courses from the following set: CS 220, CS 255, IS224, CS 440, IT 232, IT 422.

Credit Hours
0.5

IS-325C Programming Languages:Python

Course Description
This online course is designed to provide students with an in-depth understanding of one programming language that is in demand in the marketplace. Languages chosen vary by semester and include both legacy programming languages that are still in high demand and evolving programming languages that are beginning to see industry demand. This course may be repeated for credit with instructor or academic advisor approval. Prerequisites: Two programming language courses, which may or may not cover different languages. (Any two equivalent courses from the following set: CS 220, CS 255, IS 224, CS 440, IT 232 or IT 482.)

Credit Hours
0.5

IS-325E ProgrammingLanguage:JavaScript

Course Description
Programming Languages is a .50 credit online course designed to provide students with an in-depth understanding of one programming language that is in demand in the marketplace. Languages chosen vary by semester and include both legacy programming languages that are still in high demand and evolving programming languages that are beginning to see industry demand. This course may be repeated for credit with instructor or academic advisor approval. Prerequisite: Two programming languages, which may or may not cover different languages. Any two equivalent courses from the following set: CS 220, CS 255, IS 224, CS 440, IT 232, IT 482.

Credit Hours
0.5

IS-325F ProgramingLanguage:F#

Credit Hours
0.5

IS-380 Foundations of Data Science with Python

Course Description
Comprehensive introduction to data science, focusing on key concepts such as data wrangling, probability, statistics, and machine learning. Students will learn how to analyze, clean, and visualize data while applying statistical methods to real-world case studies. Essential topics include data preprocessing, regression techniques, supervised and unsupervised learning, decision trees, and model evaluation methods. Through hands-on labs and practical examples using Python and Jupyter notebooks, students will develop and assess predictive models. By the end, they will be equipped to build models, evaluate their performance, and apply data-driven insights across various domains.

Credit Hours
1

IS-423 Data Base Management Systems

Course Description
Topics include defining data requirements and modeling those requirements using Entity Relationship Diagrams, creating physical databases using Microsoft SQL Server, and SQL coding for simple queries, complex queries, stored procedures, and triggers. Additional topics include data quality, data warehouses, data security and distributed databases. Prerequisite: CS 220.

Credit Hours
1

IS-424 Intro System Analysis & Design

Course Description
A study of the phases of analysis, design, and implementation of information systems. Topics include fact-gathering techniques, design of output, input, files, presentation techniques, system processing, project management, system testing, and documentation. A structured approach to system design and development is emphasized. Prerequisite: A course covering a high-level programming language.

Credit Hours
1

IS-425 Management Information Systems

Course Description
Fundamentals of information systems in organizations, with a focus on the impact of information systems on organizational behavior, communications and managerial style. The use, misuse, and management of computer-based systems and their integration with organizational goals are emphasized. Information systems in the functional areas of marketing, production and finance are studied. The case study method is used. Prerequisite: CS 220 or IT 228/

Credit Hours
1

IS-492 Independent Study

Credit Hours
0.5

IS-495 Honors Independent Research

Course Description
Half course This course affords Honors Program students the opportunity to design and implement a significant research project in the field of information systems culminating in an appropriate public dissemination of the research methods and findings. This course must be taken concurrently with another 300-400 course in the major or minor, facilitating faculty supervision and guidance. Permission of the faculty supervisor and the Director of the Honors Program required prior to registration. Fall Term, January Term, Spring Term, Summer Term.

Credit Hours
0.5

ISG-100 GIS Programming

Course Description
This course will introduce the student to computer programming, used in Geographical Information Systems (GIS) applications. Using Python, the course initially covers essential programming concepts, such as how to set and use variables, how to program using sequence, selection and repetition structures, and how to write and call functions. The basics of using the ArcGIS ModelBuilder component are discussed, includinghow to export models to Python. Finally, an introduction to writing geoprocessing scripts in Python is presented. Prerequisites: GIS 100, GIS 200.

Credit Hours
1

ISG-200 Implementing Geodatabases

Course Description
This course will introduce the student to geodatabase modeling, relational models, and object-oriented data modeling with universal modeling language (UML). ArcSDE with SQL (and/or Oracle), an industry standard syntax language for querying and manipulating a geodatabase, is introduced. A number of case studies are presented. The student will get a hands-on introduction to building a geodatabase. Prerequisites: GIS 100 ,GIS 200, ISG 100.

Credit Hours
1

IT-228 Computer Org & Architecture

Course Description
Discusses the organization and architecture of the computer, including the functioning of the CPU, RAM, ROM and I/O. Issues related to interfacing the computer to a network are also discussed, as is the role played by the operating system in controlling the hardware. Installation and use of operating systems is also considered.

Credit Hours
1

IT-232 Visual C#

Course Description
This course introduces Visual C# programming language. The student will write programs in Visual C# that demonstrate the features of the C# language including control structures, input/output operations and use of library functions such as those that are used to implement graphical user interfaces and to access databases. This course is recommended not only for IS and CS majors, but also for students majoring in business, the natural sciences, mathematics and other disciplines in which programming a personal computer is required. Prerequisite(s): No prerequisite.

Credit Hours
1

IT-312 Fundamentals of Networking

Course Description
Full course Presents a thorough discussion of computer networks and how they function under the direction of a network operating system (NOS). The use and installation of NOS146s such as Windows 2000 Server and Linux is presented, as is a discussion of protocols such as TCP/IP and network addressing.

Credit Hours
1

IT-348 DataBase Systems

Course Description
Full course The types and uses of databases are discussed. Students learn how to create a 145realistic146 database using database software such as Sequel Server, DB2, Access, or a similar package.

Credit Hours
1

IT-350 Project Management

Course Description
This course provides students with a background in project management concepts, tools, and techniques. Students will learn how to apply those concepts and tools to projects, using one of the standard methodologies: Waterfall, Agile, and Object-Oriented. At the completion of the course, students are encouraged to pursue the Associate in Project Management certification, preparing them to work on large projects or manage small projects.

Credit Hours
1

IT-405 Fundamentals of Cryptography

Course Description
This course examines the technology and methodology for protecting information and ensures its integrity, confidentiality, and authenticity. It covers the foundations of cryptography, modern cryptographic protocols, algorithms, and implementation issues. Also included are topics in: private and public key cryptography, block ciphers, pseudorandom functions, encryption standards, message authentication, digital signatures, and key management.

Credit Hours
1

IT-408 Web Design and Development

Course Description
Full course Discusses how to create a web site on the Internet or an internetwork with emphasis on establishing a site in a business environment. Topics include HTML, XML, and JavaScript client-side programming.

Credit Hours
1

IT-409 Foundations of Information Assurance

Course Description
Explores the threats and risks prevalent in today's organizations as a result of the pervasive use of technology. Students learn risk evaluation techniques and identify security and control techniques to minimize the potential of a security breach.

Credit Hours
1

IT-410 CybrCrime Investigatn&Forens

Course Description
Explores the use of intrusion detection methodologies, CSI hardware and software tools, and approaches to computer crime incident response. Computer forensic principles, including operating system concepts, registry structures, file system concepts, boot process and file operations are examined. This course also includes an overview of the theory and techniques utilized for tracking attackers across the Internet. Practical exercises are drawn from case studies of Internet-based crimes. Prerequisite(s): No prerequisite.

Credit Hours
1

IT-412 WirelessMobile&CloudSecurity

Course Description
The ongoing need for fast, versatile and more powerful communication systems has accelerated the growth of wireless, mobile and cloud computing. In many cases, securing these emerging platforms is an afterthought, thus leaving critical systems to prey onto invidious cyber-attacks. This course examines a broad range of contemporary techniques to support and maintain operational integrity and data protection within each modality. Prerequisite: IT 312.

Credit Hours
1

IT-481 MobileApplicationsDevelopment

Course Description
This course covers ways to create native and hybrid applications using both server side and client side programming. Students will learn to use some of the latest technologies to create cross-platform applications that run on iOS, Android, MAC, and Windows platforms.

(Note: The course catalog describe is deliberately general to allow for the use of the most current mobile development tools. The college web site will add specific software products, to facilitate a new student's search on keywords. Currently, the tools planned are HTML, CSS, Bootstrap, XAML, and Microsoft MAUI (new with Visual Studio 2022).)

Credit Hours
1

IT-482 IT Project Development

Course Description
Full course The life-cycle in the design, implementation, and maintenance of a significant IT project that is implemented in a business environment is discussed.

Credit Hours
1

IT-492 Independent Study

Credit Hours
0.5

ITL-101 Elementary Italian I

Course Description
Conversation and fundamental grammatical structures introduced through communicative exercises and practice in reading and writing, speaking, and listening. Cultural context emphasized.

Credit Hours
1

ITL-102 Elementary Italian II

Course Description
Conversation and fundamental grammatical structures introduced through communicative exercises and practice in reading and writing, speaking, and listening. Cultural context emphasized. Prerequisite: ITL 101

Credit Hours
1

ITL-201 Intermediate Italian I

Course Description
A study of cultural and literary materials is combined with a review of Italian grammar in a program designed to improve the four basic skills: reading, oral comprehension, speaking, and writing. Prerequisite: ITL 101 for ITL 102

Credit Hours
1

ITL-202 Intermediate Italian II

Course Description
A study of cultural and literary materials is combined with a review of Italian grammar in a program designed to improve the four basic skills: reading, oral comprehension, speaking, and writing. Prerequisite: ITL 102 for ITL 201; ITL 201 for ITL 202. Offered upon request with sufficient enrollment.

Credit Hours
1

ITL-235 Italy: History and Cinema

Course Description
In this course we will examine the historical events that shaped Italy through the middle of the 20th century. We will study Italy?s position during World War II- paying particular attention to the divisions that were created within the country. Post war Italy moves from economic distress to being one of the world?s leading economies by the second half of the century. How are these events captured in Italian cinema? Federico Fellini, Roberto Rossellini, and Vittorio De Sica are the directors who bring us this history through their films. We will consider important films such as The Bicycle Thief, Rome Open City, and La Dolce Vita.

Credit Hours
0.75

ITL-255 Ital Civilizatn & Culture I

Credit Hours
0.75

ITL-256 ItalianCivilizatn&Cultur II

Credit Hours
0.75

ITL-276 LT Dante's Divine Comedy I Inferno

Credit Hours
0.75

ITL-277 LT-Dante's DivinaCommedia II

Credit Hours
0.75

ITL-282 MACHIAVELLI

Credit Hours
0.375

ITL-283 MICHELANGELO

Credit Hours
0.375

ITL-284 Galileo

Credit Hours
0.375

ITL-288 Da Vinci

Credit Hours
0.375

ITL-295 Italian Cinema

Credit Hours
0.75

ITL-300 ITL300 AdvGrammar&Composition

Credit Hours
0.75

ITL-307 Perspectives on Venice: CityBuiltonWater

Course Description
In this course, students will explore the many dimensions of the city of Venice through the literature, history, and art particular to this unique city constructed on islands and canals. Students will refine written and spoken proficiencies in Italian through reading, discussions, and research that will span a variety of resources including short stories, film, and current events. This course is taught in Italian.

Credit Hours
0.75

ITL-345 Business Italian

Course Description
An introduction to written and oral Italian as it applies to the business profession. Provides exposure to current Italian commercial structures, business practices, and terminology, and cultivates business-related communication skills. Prerequisite: ITAL 255, ITAL 256, ITAL 300, or ITAL 301.

Credit Hours
0.75

ITL-368 Literature of Modern Italy

Credit Hours
0.75

JPN-101 Japanese Anime Enthusiasts

Course Description
JPN 101 is an introductory Japanese language course structured around theme-based units that explore key aspects of Japanese culture. Topics include family, nakama (companionship), religion, and yokai (supernatural beings). The course incorporates popular anime such as My Neighbor Totoro, Pokémon, and One Piece to deepen cultural understanding and highlight elements often lost in translation. Students will develop basic conversational skills and grammar through interactive, communicative activities. The course also covers reading and writing in both hiragana and katakana. While the course is otaku-friendly, no prior knowledge of anime is required. JPN 101 serves as a prerequisite for JPN 102.

Credit Hours
1

JPN-102 JapanesAnime Enthusiasts II

Course Description
JPN 102 is the continuation of JPN 101, offering further development in Japanese language skills through theme-based units that delve into key aspects of Japanese culture. Topics include romance, shopping, samurai and ninja, and the concept of good versus evil. The course features popular anime such as From Me to You, Naruto, and Death Note to enhance cultural insight and explore nuances often lost in translation. Students will strengthen their conversational abilities and grammar through interactive, communicative exercises. In addition to reviewing hiragana and katakana, the course introduces reading and writing in kanji. While otaku-friendly, no prior anime knowledge is necessary. Completion of JPN 101 is required before enrolling in this course.

Credit Hours
1

JPN-292 IndSty

Credit Hours
0.5

KEY-115 Science Bootcamp

Course Description
This course is part of the first-year experience for students interested in STEM (Biology, Chemistry, Mathematics, Exercise Science, Physics, Psychology and Computer Science) majors. The course involves an introduction to research and applied projects within the discipline of interest. Students who are interested in applying for summer research in the KEYSTONE program must take this course.

Credit Hours
0.75

KEY-120 KEYSTONE STEMinar

Credit Hours
0.25

KIN-120 Martial Arts

Course Description
Students will develop their proficiency in Songham Taekwondo. Students will learn forms, self-defense and combat as part of the training. Students will be given an opportunity to earn up to 2 belt ranks sanctioned by the by the American Taekwondo Association. There is a required fee ($220-$300) that covers the cost of uniform, belts, testing and equipment for beginners, or sparring equipment for more advanced ranks . No martial arts experience is needed. The class is open to beginners, as well as students with any rank in ATA Taekwondo.

Credit Hours
0.5

KIN-125 Yoga

Course Description
Hatha yoga is the branch of yoga which concentrates on physical health and mental well-being. Hatha yoga uses bodily postures (asanas), breathing techniques (pranayama), and meditation (dyana) with the goal of bringing about a sound, healthy body and a clear, peaceful mind.

Credit Hours
0.5

KIN-137 Golf

Course Description
.50 credit An in-depth study of the sport of golf. Students will gain an understanding of the sport's history, rules and strategies, and the proper use of equipment. In addition, students will develop the fundamental skills necessary for effective play.

Credit Hours
0.5

KIN-140 Pilates

Course Description
.50 credit Pilates is a method of exercise and physical movement that is designed to help students stabilize their muscle core and improve both posture and flexibility.

Credit Hours
0.5

KIN-156 Weight Training

Course Description
.50 credit A study of the basic physiology of muscles and how strength affects muscle development. Students will apply the FITT principle to create a safe and effective strength training program.

Credit Hours
0.5

KIN-200 Lifestyle for Health & Wellness

Course Description
.50 credit A focus on behaviors that enhance the quality of life. Emphasis is placed on self-analysis and personal responsibility in selecting a holistic approach to health and wellness.

Credit Hours
0.5

KIN-204 Emergency Procedures

Course Description
.50 credit Development of procedures in the management of medical emergency situations. The content and activities of the course will prepare participants to recognize emergencies and make appropriate decisions regarding care. Instruction, practice, and certification in A.E.D., adult, child, and infant cardio-pulmonary resuscitation and community first aid and safety.

Credit Hours
0.5

KIN-210 Foundations of Sport Management

Course Description
Foundations of Sport Management is designed to offer students an introductory view of the possibilities of careers in the sport industry. Addressed topics include economic theroy, sport finance, sports marketing and market research, sponsorship and global sports. The essence of the course is to provide students with a critical understanding of the complex and dynamic relationship between sport, business and management. Fall Term.

Credit Hours
0.5

KIN-250 Substance Use & Abuse in Society

Course Description
.50 credit This course is designed to address drug use and abuse from a psychological, pharmacological, historical, and legal perspective while examining the effects of drugs on health and social functioning.

Credit Hours
0.5

KIN-268 Internship

Credit Hours
0.5

KIN-270 Organization & Administration of Sport

Course Description
This course is designed as a comprehensive theoretical and practical analysis of organization and administration of sport across of variety of industry sectors. This course will engage students with management and administration principles and concepts towards comprehension as well as individual skill development through various activities. Sport Management Majors/Minors Only

Credit Hours
1

KIN-285 Coaching Theory

Course Description
This course will give students a firm foundation in the practical application of the three-sport sciences: sport psychology, sport pedagogy, and sport physiology. Students will be taught the importance of coaching philosophy and successful techniques of sport management. January Term.

Credit Hours
1

KIN-292 Independent Study

Course Description
Quarter, half, or full course Intensive study and research in a specific area of kinesiology. Open to juniors and seniors who have an adequate academic background to pursue studies in this area. Approval of the department chair is required for registration. Fall Term, Spring Term, Summer Term.

Credit Hours
0.25

KIN-301 Sport Marketing & Industry Analysis

Course Description
This course will examine the rapidly developing sports industry from a promotional and sales management perspective. Topics will include strategic marketing, market research, sport promotions, sport consumer behavior, sales, sponsorship, licensing, managing sports brands, and the use of social media in sport. Prerequisite: KIN 210; Sport Management majors only

Credit Hours
1

KIN-306 Nutrition

Course Description
Introduction to the basic concepts of nutrition, nutrients, and their functions and interrelationships as they pertain to health, fitness, and sports performace. Consumer nutrition and habits, faddism and food misinformation will be adressed. Emphasis on the correlation between the healthful dietary guidelines and the impact on health, fitness and sport.

Credit Hours
1

KIN-310 Functional Anatomy

Course Description
A study of the relationship between the skeletal system, muscular system, and joint actions.

Credit Hours
1

KIN-320 Human Physiology

Course Description
A course providing an overview of physiological structures and functions of the human body and their relationship to the maintenance of systemic balance. This course will examine how the organism as a whole accomplishes tasks essential for life from cell to tissue, tissue to organ, and organ to system.

Credit Hours
1

KIN-322 Sport & Society

Course Description
This course focuses on sports as social and cultural phenomena. Various concepts, theories, media, and critical thinking will be utilized to investigate sport issues. These include how sports and sport participation affect our lives, how sports impact our ideas about masculinity, femininity, class inequality, race and ethnicity, work, fun, achievement, competition, individualism, aggression and violence, how the organization and meaning of sports are connected with social relations in groups, communities, and societies, and how sports are connected with important spheres of social life in societies. Junior, Senior level required or by instructor permission.

Credit Hours
1

KIN-323 Sport & Exercise Psychology

Course Description
A course designed to provide students interested in sport and exercise psychology with an overview of the theories and principles that explain factors which influence human behavior in sport and physical activity. Students will gain an understanding of the social and psychological factors related to participation in sport, exercise, and physical activity. The class explores both (a) how social and psychological factors influence participation and performance in physical activity, and (b) how sport, exercise, and physical activity participation affect psychological well-being.

Credit Hours
1

KIN-323T Sport&ExercisePsychologyTrvl

Course Description
This study abroad course in Australia is designed to provide students interested in sport and exercise physiology with an overview of the basic theories and principles essential to understanding the psychological and behavioral aspects of sports and exercise comparing the US sports industry and the Australian sports industry.

Credit Hours
1

KIN-340 Exercise Physiology

Course Description
A lecture-laboratory study of the physiological principles of the various body systems from a period of rest through maximum exercise. Prerequisite: A grade of C or higher in KIN 320.

Credit Hours
1

KIN-340L Exercise Physiology Lab

Credit Hours
0

KIN-380 History of Sport

Course Description
This course examines the history of sport from its foundations in America to the dynamic relationship between American and global perspectives. Students will explore sport through a comparative lens of American sport traditions, change and influence with sport around the world. Topics include the evolution of the American sport industry regarding participation, business, as spectacle, and at the intersection of culture and society. Additional topics include sport on the world stage such as the Olympic Games, international sport experience, and the dynamics of American sport globally.

Credit Hours
1

KIN-392 Walk El Camino de Santiago

Course Description
This course examines and explores the religious, spiritual and self-reflective changes that pilgrims to Santiago de Compostela experienced in Medieval and Modern times. Students are invited to participate in these and other experiences as they are inspired by them, to become personally involved and participate in these and other events as they explore the past history and walk along the routes of the El Camino de Compostela in Spain.

Credit Hours
1

KIN-401 Sport Events & Facilities

Course Description
This course will provide students with a comprehensive overview of facility planning and design as well as operations standards and procedures. Additionally, students engage with principles and activities regarding sport-related event management. Prerequisite: KIN 210; Sport Management majors; Junior standing

Credit Hours
1

KIN-415 Sport Law & Ethics

Course Description
This course provides students with a theoretical understanding and practical application in the study of sport ethics and law. Students will be challenged to think critically about sport ethics and law concepts and apply them to the practical world of Sport Management. Fall Term, January Term. Prerequisite: KIN 210

Credit Hours
1

KIN-420 Biomechanics

Course Description
This course is an overview of the positional and movement analysis of the body and its link segments in exercise and sport. Additional emphasis is also placed on proper exercise and motion procedures, rehabilitation, and the major biomechanical movement problems. Prerequisite: A grade of C or higher in KIN 310.

Credit Hours
1

KIN-450 Clinical Internship

Course Description
Designed for off- or on-campus placement combining academic orientation with practical professional experience. Prerequisite: A grade of C or higher in KIN 340. Grading option P/NP.

Credit Hours
1

KIN-450M Clinical Internship

Course Description
Designed for off- or on-campus placement combining academic orientation with practical professional experience. Prerequisite: grade of C or better in KIN 340. Grading option P/NP.

Credit Hours
1

KIN-462 Exercise Testing & Prescription

Course Description
The primary focus of this course is to present the theoretical basis and applied knowledge required for the administration of graded exercise tests and for the development of an individualized exercise prescription program. Electrocardiographic monitoring techniques and interpretation will be presented. Includes laboratory. Prerequisite: A grade of C or higher in KIN 340.

Credit Hours
1

KIN-468 Internship

Course Description
Students have an opportunity to integrate career-related experience into their education by participating in planned and supervised work, complementing what is learned in the classroom. Internship sites can be either on or off campus. For credit, Grading option P/NP. For credit, Grading option P/NP. Prerequisite(s): No prerequisite.

Credit Hours
0.5

KIN-480 Sport Management Capstone

Course Description
This course is the senior capstone for Sport Management. Students will engage in project development and delivery that culminates their experience as a Sport Management major. Requirements: Sport Management majors only; Senior standing; Instructor approval

Credit Hours
0.5

KIN-490 Rsrch Mthds in Exercise Sci

Course Description
An introduction to human experimental research methods, designs, and issues in exercise science. Topics include: study of the scientific method of investigation, experimental concepts and ethical issues, information retrieval and assessment (critique and evaluation) of current literature, measurement and data collection concepts, and application of experimental research. Students will develop and present a research proposal. Prerequisite: A grade of C or higher in MTH 345 or PSY 355, KIN 340.

Credit Hours
1

KIN-492 Independent Study

Course Description
Quarter, half, or full course Intensive study and research in a specific area of kinesiology. Open to juniors and seniors who have an adequate academic background to pursue studies in this area. Approval of the department chair is required for registration. Fall Term, Spring Term, Summer Term.

Credit Hours
0.25

LTS-301 IntroToLatinoStudieThroughLit

Course Description
As one of the options to complete the core requirements for either the Latino Studies minor or major, this course studies the history of Latinos in the United States and their cultural production through literature (poetry, short story, testimony, theater, and novel). As an introduction, it includes exemplary primary work from Mexican-American, Puerto Rican, Cuban, and Dominican writers with the opportunity to explore additional works from other Latino backgrounds. These texts, complemented by secondary theoretical studies on Latino/a/x identity and the evolution of the literary canon, discuss themes such as identity formation and negotiation in terms of language, race, gender, sexuality, religion, and class; the colonial subject and economic exploitation; diaspora and emigration; the marketing of the Latinx identity; and activism. Class discussion and all readings are in English.

Credit Hours
1

LTS-302 IntroToLatinoStudiesThroughLinguistics

Course Description
This class examines the linguistic and sociolinguistic characteristics of Spanish in the United States. The course introduces students to the multiple varieties present in US Spanish, and the characteristics of Spanish in contact with English. The course also discusses how policies influence and affect language maintenance or loss, and views the various forms of bilingual education.

Credit Hours
1

LTS-303 IntroToLSThroughFilm,Media,PopCulture

Course Description
This class examines the representation of Latino/a/x cultures in US media, film, and popular culture in the 20th and 21st centuries. The course introduces students to the socio-historical contexts in which these representations were developed and analyzes examples of films, tv programs, songs, and other forms of popular culture that include these representations. The course also discusses how Latino cultural agents have tried to close the representation gap. To help students develop a critical analysis, the course includes texts on issues such as race and racism, globalization, and critical media studies.

Credit Hours
1

MBA-500 Organizational Management

Course Description
This course covers a broad range of topics surrounding the management of organizations. Course topics include behavior in organizations, strategic human resource management, current production and operations techniques, and organizational structure and design. Change management techniques will be discussed. Course activities will develop and strengthen students' organizational decision making, analytical, and communication skills.

Credit Hours
0.75

MBA-501 Financial & Managerial Accounting

Course Description
This course provides an in-depth exposure to the principles of financial and managerial accounting and the preparation, interpretation and analysis of general purpose financial statements for parties external to the organization. Topics such as cost behavior, activity-based costing, pricing, break-even and decision analysis, and budgeting and control are also covered. Emphasis is on the analysis and interpretation of accounting information and how financial statements interrelate, rather than on the preparation of different statements.

Credit Hours
0.75

MBA-502 Analytical Tools for Management Decision

Course Description
This course adopts a hands-on and problem-based approach in offering students an overview of a number of data analysis and decision-making tools commonly encountered by managers in a business environment. The course will focus on helping students apply, with the aid of Microsoft Excel and other computer software programs, analytical tools such as statistical analysis, hypothesis testing, regression analysis, optimization techniques, and project management.

Credit Hours
0.75

MBA-503 Marketing Management

Course Description
This course is designed to examine the scope of marketing and the assessment of marketing opportunities in the current global business environment. In particular, the course will focus on the development of marketing mix strategies as they relate to the firm146s overall strategic marketing plan, implementation, control, and effectiveness. Topics include: target market definition and analysis, segmentation, competitor analysis, strategic decisions involved in developing the marketing program, consumer buyer behavior, business to business marketing, global business, the role of marketing research and marketing information systems in the marketing decision-making process.

Credit Hours
0.75

MBA-504 Financial Management

Course Description
This course is designed to examine the ways financial managers make their decisions at the corporate level. This course will focus on the decision-making process regarding cost of capital, capital budgeting, cash flow analysis, capital structure, and other financial decisions. Prerequisites: MBA 500, MBA 501.

Credit Hours
0.75

MBA-505 Strat for Creating a Competitive Advanta

Course Description
This course focuses on how managers of organizations use the strategic management process to create and maintain a competitive advantage. Course topics include the analysis of external and internal environments, the impact of globalization on organizations, strategic decision making, and competitive dynamics. Students actively participate in case study analysis, group decision making, and computer simulation activities. Prerequisites: MBA 500, 501, 502, 503, 504.

Credit Hours
0.75

MBA-508 Special Topics:

Course Description
This course will be offered occasionally as an MBA elective course in order to study topics of current relevance and interest which are not contained in the general curriculum. Prerequisites: completion of the MBA core and permission of instructor.

Credit Hours
0.75

MBA-509 Project Management

Course Description
Project Management teaches students the art and science of project management as applied to a variety of business and technology settings. Students will learn and practice project techniques that relate to the five phases of project management-initiating, planning, executing, monitoring and controlling and closing projects. The program allows students to immediately practice course concepts in various activities where they will create key project documents including a business case, project charter, scope statement, WBS, and a project plan.

Credit Hours
0.75

MBA-512 Labor Economics

Credit Hours
0.75

MBA-516 Comparative Economic Systems

Credit Hours
0.75

MBA-517 SalesTechniq&SellngStratgies

Course Description
MBA 517 is built on the notion of the important role "selling" has to a business. The demands to meet customer needs in a professional and ethical manner will be the focus of the class. Various selling techniques will be explored along with a concentration on the selling process and effective sales presentations. The class will also dig deep into the psychology of selling from both the seller and buyer point of view. The importance of time management will also be explored and the role compensation and incentives play in effective selling.

Credit Hours
0.75

MBA-520 Global Business Management

Course Description
Global Management will review the basic challenges of operating a business in today's global world. Emphasis is in the socio-cultural aspects of a global business, the managerial and leadership challenges as well as the financial implications.

Credit Hours
0.75

MBA-522 IS Projct Plng,Mgt,Leadershp

Course Description
This course addresses the need for project management, leadership, and 147people148 skills that are needed to develop, implement, monitor and assess enterprise IS projects. Topics include: project planning, the use of project management software, change management, team leadership skills, and human resource management related to project implementation.

Credit Hours
0.75

MBA-524 IntroSystmsAnalysis&Design

Credit Hours
0.75

MBA-530 Organizational Theory

Credit Hours
0.5

MBA-531 Organizational Development

Credit Hours
0.5

MBA-539 Work Motivation

Credit Hours
0.5

MBA-541 Corporate Finance

Credit Hours
0.75

MBA-542 Investment Theory & Portfolio Management

Credit Hours
0.75

MBA-545 Financial Statements Analysis

Course Description
This course is designed to introduce students to the analysis of financial statements from a finance users point of view using ratios and modern financial theory. Emphasis will be on determining the health of an organization and the impact of certain events on the business and its financial statements.

Credit Hours
0.75

MBA-550 Cultural Diversity in Organizations

Credit Hours
0.75

MBA-552 Leadership

Credit Hours
0.75

MBA-553 Organization Behavior

Credit Hours
0.75

MBA-555 Negotiations

Credit Hours
0.75

MBA-557 Compensation Management

Credit Hours
0.75

MBA-558 Leading Change Mgt

Credit Hours
0.75

MBA-559 Lead Innovatn & Tech Change

Course Description
The ability to manage technological innovation has become an increasingly essential requirement for business people regardless of functional specialty. The objective of this course is to explore ways to create environments that are conducive to technological innovation. Throughout the course, students examine practices, models and approaches that established, as well as new, organizations employ to promote innovative practice, technological change and new technologies. The following topics will be covered: the innovation process, managing technical people, the impact of organizational design on innovation, knowledge management, cross function teams and exploiting new technologies

within a focus of organizational strategy. Students will research new technologies and discuss potential business applications and issues associated with technologies.

Credit Hours
0.75

MBA-570 Accounting Seminar

Credit Hours
0.75

MBA-583 PrincipleMarketingInsight&Analysis

Course Description
An overview of marketing research focusing on key concepts and tools in the field. The use of primary and secondary data as well as qualitative and quantitative approaches from a strategic, decision-making perspective are covered. The course will cover the relevance of customer relationship marketing and consumer insight as well as data collection methods and analysis.

Credit Hours
0.75

MBA-584 Social/Digital Media

Course Description
An in-depth look at the use of social and digital media and its application in marketing research to drive decision making. Emphasis is placed on appropriate application of social/digital media, and data collection methods. Understanding and applying secondary data within business needs will also be stressed. Focus on interpreting and understanding tools such as Google Analytics and Nielsen data will be included.

Credit Hours
0.75

MBA-585 Mkt Strategy&Rsrch Practcm I

Course Description
Course will meet with an actual client to solve a strategic business challenge and marketing research need. Students will apply knowledge from MBA 583, and MBA 584 to determine management issues, identify research approach, and develop the survey instrument with a focus on data needs. Strong emphasis on project and client relationship management is also core to this practicum. (Prerequisites are MBA 583 & MBA 584).

Credit Hours
0.75

MBA-586 Mkt Strategy&Rsrch Practcm 2

Course Description
Course will meet with an actual client to solve a strategic business challenge and marketing research need. Students will apply knowledge from MBA 583, MBA 584, and MBA 585 to determine management issues, identify research approach, and develop survey instrument with a focus on data needs. Strong emphasis on project and client relationship management is also core to this practicum. This course includes the use of SPSS software in the analysis of data and finally a presentation and report are developed and presented to the client with recommendations for next steps based on the research findings. (Prerequisites are MBA 583, MBA 584, and MBA 585).

Credit Hours
0.75

MBA-592 Independent Study

Credit Hours
0.75

MBA-EP300 Introduction to Financial Concepts

Course Description
This prep class is designed to give students a basic foundation in accounting and finance to allow them to better succeed upon entering the MBA program. Course specifics:Key accounting and financial terminology; ability to read financial statements; cost allocation and budgeting; cost/volume/profit analysis; time value of money; risk and return ratios.

Credit Hours
0

MDS-523 Data Warehousing

Course Description
Topics include an integrated and detailed comparison of relational, hierarchical, and network data base systems. Database design and physical storage requirements, including distributed data-base design and related management issues, are discussed. High-level query languages using artificial intelligence techniques are reviewed along with other topics such as database compression, encryption and security.

Credit Hours
0.75

MDS-534 Introduction to Predictive Modeling

Course Description
This course is designed to provide you with a solid foundation in the fundamentals of predictive modeling. As is our approach throughout the program, we will work to develop these skills with applications in mind, with the ultimate goal of creating value in organizational settings. We will cover some general topics such as data analytic thinking and the connections between data science and business strategy. We will also cover, at an appropriate level, technical topics such as decision trees, broader classification models, unsupervised machine learning, and text analytics.

Credit Hours
0.75

MDS-535 Programming Environments of Modern Data

Course Description
This course offers an immersive exploration into the dynamic realm of contemporary programming tools, methodologies, and environments tailored to manage, analyze, and visualize vast data landscapes, with special attention to applications in AI. With the exponential growth of data, it has become imperative for professionals to master the multifaceted programming ecosystems that underpin successful data-driven solutions. This course serves both as an introduction and a deep dive, ensuring learners are well-equipped to navigate the rapidly shifting terrains of modern data paradigms.

Credit Hours
0.75

MDS-546 Methods of Exploratory Data Analysis

Course Description
The ability to move data along the continuum from information to insight to action begins with a strong foundation in the methods and tools of exploratory data analysis. This course provides this foundation via its focus on statistical methods; data visualization tools, techniques and best practices; and systematic approaches for conducting effective exploratory data analyses. This course serves a general introduction to the field of data science.

Credit Hours
0.75

MDS-556 Analytical Methods

Course Description
This course builds upon the foundation established in the quantitative methods course to develop the advanced analytical methods required for in-depth applications of data science. Topics covered include advanced techniques in statistics and mathematical modeling such as exploratory data analysis, logistic regression and stochastic models; modern techniques for network analysis such as measures of network centrality, hierarchical and other clustering techniques, and models of network growth; and special topics drawn from subjects such as graph theory, game theory and linear algebra. Techniques for visual presentation of data analysis will also be covered. Course topics will be introduced from both a theoretical framework and through the use of case studies in applied settings.

Credit Hours
0.75

MDS-560 Advanced Enterprise Analytics

Course Description
This course focuses on the latest trends and tools used for modern data analytics platforms and data management solutions. The course will cover the core concepts of modern data analytics, including use of Data Science and Machine Learning, Artificial Intelligence, NLP, DevOps, Robotic Process Automation (RPA) - the tools and techniques used to process an organization?s data with greater efficiency to make real time business decisions.

Credit Hours
0.75

MDS-561 Data Governance & Project Management

Course Description
Students in this course learn to apply Organizational Management concepts to data science projects designed to drive enterprise value. Through case studies, students will explore the role data governance and FAIR data publishing standards play in supporting a culture of data efficiency and compliance. Students will complete a hands-on project to apply the best practices from Agile methodologies to drive successful outcomes in data science projects. The culmination of the coursework is a final project where students are tasked with developing a senior management level presentation, showcasing their ability to transform complex data into strategic narratives that underscore the value of their data work.

Credit Hours
0.75

MDS-562 DataAnalysisBusTransformProj

Course Description
This course covers advanced project management strategies and data science techniques needed for managing large scale organizational change and business transformation projects. Students plan and control each phase of a project implementation life cycle containing multiple streams of work. Emphasis is placed upon the use of data analysis and reporting for decision making in the complex quality and risk management situations encountered in technologybased, organizational change projects. Prerequisite: MDS 561.

Credit Hours
0.75

MDS-564 Advanced Machine Learning Applications

Course Description
This course explores advanced and emerging applications of machine learning and broader data science methods. Topics include advanced feature engineering, model hyperparameter tuning, text analytics, natural language processing, image analytics, deep learning, and ML Ops. Technical topics are considered in the larger CRISP data science framework, with its emphasis on creating value in an applied setting. Case studies from a variety of problem domains are used to illustrate concepts and their applications. Students implement concepts from the course using open source software such as Python as well as commercial data science software packages.

Credit Hours
0.75

MDS-570 Special Topics Data Science

Course Description
To meet the particular educational needs or students, the outcomes of this course will be set individually by the course instructor and student, reflecting the student's background and educational goals. This course will be offered occasionally as an MDS elective course in order to study topics of current relevance and interest which are not contained in the general curriculum.

Credit Hours
0.75

MDS-572 Time Series Forecasting

Course Description
his course provides an in-depth introduction to time series forecasting methods and models. Topics include traditional forecasting approaches such as exponential smoothing and ARIMA, dynamic time series forecasting, and forecasting using emerging techniques. Students will gain practice in producing a variety of time series forecasts using open source tools.

Credit Hours
0.75

MDS-575 Generative and Applied AI

Course Description
This course provides a comprehensive introduction to generative and applied AI from a practical perspective. No background, technical or otherwise, will be assumed or needed. We will cover several basic perspectives on generative AI: concepts, tools, ethical issues, use cases, interactions with AI systems, creation of AI products, and strategies for AI implementation. One common thread will be prompt engineering, the primary approach for creating effective generative AI interactions.

Credit Hours
0.75

MDS-576 Data Science Capstone

Course Description
This course serves as the capstone for the program. Students will apply concepts learned and skills developed in the other required courses to complete a major project that demonstrates the full range of their data science knowledge and capabilities.

Credit Hours
0.75

MDS-581 Thesis I

Course Description
This course is the first of two courses required to complete a thesis option in the Masters in Data Science program. Pre-requisite Courses: Students must complete all prior MDS coursework before enrolling in a thesis course.

Credit Hours
0.75

MDS-582 Thesis II

Course Description
This course is the second of two courses required to complete a thesis option in the Masters in Data Science program. Pre-requisite: MDS 581

Credit Hours
0.75

MEH-320 Quality/Safety in Healthcare

Course Description
In this course, which is open to students in healthcare majors and pre-professional healthcare programs, students will work collaboratively to learn about the evolution of the culture of quality and safety in healthcare. Students will evaluate factors that have shaped this culture change. These include areas identified by the Institute of Medicine (IOM), including safety "infection control), quality improvement, evidence-based practice, patient-centered care, informatics, and inter-professional communication, collaboration, and teamwork. In addition, the course will explore relevant historical influences, systems theory, professional ethics, population health, health literacy, and healthcare finance.

Credit Hours
1

MEH-490 Med Humanities Clinical Exp

Course Description
This course is a clinical experience involving 50 hours at an approved site. Interactions with both patients and health care professionals are important for students to develop some appreciation for working with people who are ill or infirm, for the teamwork expected of health professionals and for the seriousness of taking responsibility for the lives of others. Students maintain a reflective journal throughout the 50-hour clinical experience. The journal will include a running log of their hours as well as reflections on medical humanities and the clinical experience. Prerequisites: junior or senior standing; completion of two MEH core courses and one MEH elective prior to the clinical experience; permission of the program coordinator. Also, students must meet with the program coordinator at least a semester in advance of the clinical experience. Grading option: P/NP.

CSD 476, CSD 477, NRS 309, KIN 450 are alternatives for MEH 490 for medical humanities minor clinical experience. For KIN 450 at least half of the required hours must be in a health care setting. Students interested in the alternative clinical experience must still complete the MEH core courses and at least one elective for the minor prior to enrolling. Permission to enroll in the medical humanities section of these alternative courses is required and should be obtained the previous semester.

Credit Hours
0.25

MEH-491 Med Humanities Sem/Rsrch Cap

Course Description
This is a capstone course for the medical humanities minor. Weekly seminars, lectures, guest speakers, and discussions are designed to develop a community of scholars engaging in wide-ranging discussions related to health care, ethics, and medical humanities. Each student maintains a course journal and completes a research investigation which has been approved by the instructor. Results of the research are presented orally to the seminar group and are submitted as a research paper. Prerequisite: Junior or senior standing.

Credit Hours
0.5

MIE-500 New Venture Formulation

Course Description
This course focuses on the comprehensive process of formulating a new business venture. It focuses on the methodology of transforming an idea into a business. Key topics covered include: self assessment, entrepreneurial makeup, the startup process, customer discovery, customer validation, scaling a business idea, and building a company.

Credit Hours
0.75

MIE-501 Entreprenuer Sales & Marketing

Course Description
This course focuses on why and how marketing and sales is critical to any start-up and small business. It covers how marketing drives a company's brand image and awareness of its products and how sales drives revenue and profits. A key component of the course is how marketing and sales must work together in order for a company to be successful. Key topics include identifying the market needs and target audiences, determining which offline and digital marketing channels reach the different audiences, and how marketing and sales move prospects through the sales funnel to become leads, buyers and repeat buyers. Data collection, reporting, analysis and tracking key metrics to test the effectiveness of marketing programs will also be closely examined. Many case studies will be discussed so students experience real world examples of how marketing and sales impacts a start-up venture. Students will then take all these learnings and start developing their own marketing and sales business plans. Prerequisite: MIE 500.

Credit Hours
0.75

MIE-502 Innovation Management

Course Description
This course focuses on intrapreneurship - making existing organizations more innovative. It considers how to make individuals, teams, and departments more creative and then on how to implement approved ideas. Key topics covered include ideation, organizational culture, innovation strategy, incentivizing innovation, working in teams, economic analysis, managing change, the implementation of ideas, and the measurement and monitoring of innovation in organizations. Prerequisite: MIE 501

Credit Hours
0.75

MIE-503 Seminar in Entrepreneurship

Course Description
This course focuses on the entrepreneur (or intrapreneur) who is ready to develop an executable business plan for the purpose of a new business opportunity with an innovative product, process or service. The entrepreneur will develop a business plan for acquiring human, financial and other required resources, and will be responsible for its success or failure. Within the entrepreneurship ecosystem, we will consider government programs and services for entrepreneurs, not-for-profit resources, such as incubators and accelerators; education, training and financing (loans, venture capital, and grants). The business plan will include all key components, including: an executive summary, company description, market analysis, competitive analysis, description of the leadership team and organization, operations, financial plan, products and services, marketing plan and sales strategy. Prerequisite: MIE 502.

Credit Hours
0.75

MIT-510 DatabaseMgt&DataWarehousing

Course Description
Topics include an integrated and detailed comparison of relational, hierarchical, and network data base systems. Database design and physical storage requirements, including distributed data-base design and related management issues, are discussed. High-level query languages using artificial intelligence techniques are reviewed along with other topics such as database compression, encryption and security.

Credit Hours
0.75

MIT-520 System Integration & Automation

Course Description
This course focuses on the integration of information systems in organizations, the process by which different computing systems and software applications are linked together physically or functionally. The course will explore tools and techniques for systems integration and automation, PowerShell scripting as well as proven management practices for integration projects.

Credit Hours
0.75

MIT-541 Human Computer Interaction UI/UX

Course Description
This course introduces students to the principles of user interface and user experience design. Students will learn various design patterns, and how to apply them to the creation of storyboards, mockups and prototypes for Web and mobile applications. These designs will be implemented in subsequent courses.

Credit Hours
0.75

MIT-543 Web Application Development

Course Description
The student learns how to program in appropriate web-based languages (e.g., HTML, JavaScript, CSS, ASP.NET and RESTful Web Services). As part of this programming experience, the student is taught how to design and develop web applications that access data in SQL and NoSQL Server using Microsoft's Visual Basic. In addition, students discuss design and development considerations, as well as concepts and techniques for building mobile web apps.

Credit Hours
0.75

MIT-545 MobileApplicationDevelopment

Course Description
This course covers ways to create native and hybrid mobile applications using both server side and client side programming. In this course students will learn how to design, develop, and publish mobile apps using native development tools

for Apple (Swift and Objective-C) and Android (Java), as well as hybrid (HTML, CSS, JavaScript) platforms. The use of Application Programming Interfaces (APIs) and Mobile Backend as a Service (MBaaS) providers will also be discussed to facilitate push notifications, social network integrations, and Cloud storage.

Credit Hours
0.75

MIT-550 Computer Security and Risk Management

Course Description
Explores the threats and risks prevalent in today's organizations as a result of the pervasive use of technology. Students learn risk evaluation techniques and identify security and control techniques to minimize the potential of a security breach.

Credit Hours
0.75

MIT-561 Computer Network I

Course Description
This course discusses data communication fundamentals and concepts such as Nyquist and Shannon theories. Included in this discussion are the topics of architecture, topologies, applications and security of Local and wide area networks (LAN / WAN), TCP/IP, packets and datagrams.

Credit Hours
0.75

MIT-562 Computer Network II

Course Description
This course focuses on the architecture, components, design and installation of local and wide area networks (LAN /WAN). Included in the discussion are the topics of Network Operating Systems (NOS), DNS, DHCP, Active Directory, data storage, NAS, SAN, DNS, SMTP, SNMP, Apache / IIS Web Server, and VPN. Students will also learn about Firewall administering networks using a network operating system such as Windows Server, UNIX.

Credit Hours
0.75

MIT-565 Internetworking

Course Description
This course discusses the fundamental technologies such as the industry, products and procedures involved in creating and administering internetworks. Various network technologies designed to be interconnected by routers, switches and other networking devices to create an internetwork are also discussed. Included are topics such as VLAN, routing models, design and implementation of internetworking with TCP/IP, and IPX/SPX using Cisco Internetworking Operating Systems (IOS) and Cisco routers and switches.

Credit Hours
0.75

MIT-566 Virtualization

Course Description
This course introduces students to datacenter virtualization concepts. Students will learn about hardware virtualization including a discussion of Tier-1 vs. Tier-2 hypervisors, virtual machine storage, virtual networking and access control. Upon completion, students should be able to perform tasks related to virtual machine and hypervisor installation, configuration, and the management of virtual machines using VMware.

Credit Hours
0.75

MIT-567 Cloud Computing

Course Description
This course discusses Infrastructure as a Service (IaaS) and Platform as a Service (PaaS) are two of the three fundamental layers of the Cloud Computing model and focuses on hardware being provided by an external entity. This course introduces students to IaaS using Microsoft Azure as the Cloud Computing service provider. Students will learn about provisioning and managing virtual servers (Windows and Linux), network security groups, and other virtualized hardware resources.

Credit Hours
0.75

MIT-572 Capstone

Course Description
In this course is a final team project is developed and presented at the College's Research and Performance Showcase to demonstrate the integration of all aspects of the MCIT program. In this course students will develop the necessary source code and Cloud infrastructure (IaaS and/or PaaS) to support the implementation of the project they designed in the previous course.

Credit Hours
0.75

MIT-592 Independent Study

Credit Hours
0.75

MLD-300 Explorations In Social Justice:

Course Description
This course will be a multidisciplinary investigation of "social justice". It will have a seminar format and will examine the subject through several different intersecting, disciplinary lenses by five or six faculty drawn from a wide variety of fields. Thus, the course presents social justice as variously defined across and also within disciplines, and will further explore a chosen area of focus in relation to social justice. The area of focus will change for each offering or section of the course. For example, an area of focus for a section might be MLD 300 Explorations in Social Justice: Immigration, or MLD 300 Explorations in Social Justice: the Environment (or women's issues, gender justice, healthcare, criminal justice, educational access and equity, or another area). The area of focus will be determined by the faculty participating in the section and announced prior to the term, and it will be taught utilizing multiple theories, practical approaches, and

perspectives (including voices of those affected by injustice). Faculty will pre-determine parameters, such as a focus within one or more nations, cultures, and/or historical timeframes. Students will undertake both classroom study and discussion as well as a social justice project in the field for experiential learning, integrating their learning in critical reflections, and to fulfill the social responsibility tag. The course would be repeatable for credit if taken with a different area of focus.

Credit Hours

1

MLD-301T CitiesofEngland:aCityasTextExploration

Course Description

Employing a City as TextTM pedagogy in the tradition of the National Collegiate Honors Council (NCHC), students will investigate the complex and diverse British cities of Liverpool, Chester, York, London, Oxford, Bath, and Stratford-Upon-Avon. The investigation of the cities' rich history, literature, architecture, and diverse cultures will take place through firsthand examination of city museums, college libraries, marketplaces, historical landmarks, and so forth; through lectures and discussions led by both the Elmhurst University professors and onsite guest professors; through extensive field trips throughout the cities with follow-up reflective components; through discussions with native speakers/local residents in each city; and through reading, discussing, and writing about the assigned texts.

Credit Hours

1

MLS-390 Hematology, Coagulation, BodyFluids

Course Description

In the Hematology Laboratory students learn to count and classify the various types of red and white blood cells. They also learn how to determine whether the oxygen-carrying red blood cells are in a healthy state, an essential procedure for diagnosis of anemia. In addition, the students will be shown how to classify the cells in the bone marrow to assist the pathologist in the identification of leukemia and other blood disorders. Tests are conducted in the Coagulation section of the Hematology Laboratory to determine the presence or absence of factors essential to normal blood coagulation. Special procedures are performed to identify acquired and inherited deficiencies of the coagulation proteins.

Credit Hours

1.5

MLS-391 Microbiology

Course Description

The Microbiology Laboratory has the responsibility of isolating and identifying potentially pathogenic microorganisms. In many cases the laboratory also determines the susceptibility of the etiologic agent to a variety of antibiotics. This laboratory is divided into Bacteriology, Mycology, Mycobacteriology, Parasitology, and Virology. Bacteriology is concerned with the various bacteria that may cause direct destruction of tissue or harmful sequelae. Throat, urine, stool, blood, wound and sputum cultures are some of the types of specimens received for processing.

Credit Hours

1.5

MLS-392 Clinical Chemistry

Course Description

Physicians rely on the Clinical Chemistry Lab to help in the diagnosis and treatment of diabetes, kidney disease, electrolyte imbalance and cardiac dysfunction through the analysis of patient samples. State-of-the art automation and robotics enable the laboratory to provide critical diagnostic information quickly and accurately to physicians in such areas as the emergency department, intensive care, surgery and the neonatal intensive care unit. The Clinical Chemistry Lab offers testing for the assessment of many metabolic systems that can include cholesterol measurement, thyroid and reproductive hormone levels, and therapeutic drug monitoring. Students will work with up-to-date, computer-assisted technology to provide critical as well as routine testing for effective patient care.

Credit Hours

1.25

MLS-393 Immunopathology/Immunology

Course Description

The Immunopathology Laboratory performs state-of-the art testing in Flow Cytometry and Diagnostic Immunology. In Flow Cytometry special emphasis is placed on diagnosis of leukemias and lymphomas and monitoring of immunologic pathologies. Rotation through the Immunology section includes performance of protein chemistry and infectious disease serology; detection of tumor markers; and pregnancy and prenatal diagnosis.

Credit Hours

0.75

MLS-394 Molecular Diagnostics

Course Description

The Molecular Diagnostics Laboratory is the fastest growing laboratory in our institution, reflecting the explosion in knowledge about the human genome and the availability of new tools to examine DNA and RNA. Highly sensitive nucleic acid amplification methods, including real- time PCR, are used to detect low concentrations of infectious agents such as Herpes simplex virus. Quantitative (viral load) tests for hepatitis C and HIV nucleic acid are used to monitor response to therapy. Analysis of mutated genes is performed to evaluate patients with clotting disorders, and clonal gene rearrangement studies are used in the diagnosis of lymphomas.

Credit Hours

0.25

MLS-395 U/A & BF

Course Description

In the Body Fluids section of this rotation, body fluids are examined to determine the kinds and numbers of body cells present. It is in this laboratory that both quantitative and qualitative testing of urine is done. Urinalysis involves testing for pH, color, specific gravity, sugars and excessive amounts of protein. Specimens are also examined for the presence of bacteria and parasites as well as crystals and casts formed by the kidneys.

Credit Hours

0.25

MLS-397 Immunohematology&Transfusion

Course Description
The student will learn the techniques of ABO blood grouping methods, Rh testing, crossmatching and identification of atypical antibodies. In addition, the student learns about the preparation and use of blood components and observes blood collection procedures including whole blood and apheresis donations, as well as hematopoietic progenitor cell collection. Blood bank activities require close coordination with the clinical care units, so students in this laboratory have a sense of direct involvement in patient care.

Credit Hours
1.25

MLS-398 Parasitology

Course Description
In Parasitology specimens are examined for the presence of amoebae, malarial organisms, worms and their ova, and flagellates. Larger parasites, such as mites, fleas or ticks are also identified so the appropriate disease diagnosis can be made, treatment started, and public health concerns addressed. The Virology Laboratory isolates viruses such as influenza, chicken pox, cytomegalovirus, and herpes from clinical specimens. Students will learn to perform methods and procedures used to isolate and identify these and other viruses.

Credit Hours
0.25

MLS-399 Mycology

Course Description
Mycology deals with fungi that may infect man on the surface of the skin (i.e., ringworm) or cause systemic complications (i.e., histoplasmosis). Mycobacteriology is the study of such organisms as that which causes tuberculosis.

Credit Hours
0.25

MLS-400 Phlebotomy

Course Description
Lectures and clinical rotation demonstrating the proper collection and processing of blood for routine and special tests are given. Both venipuncture and dermal puncture techniques are presented. Medical Laboratory Science students will gain competence drawing blood for laboratory testing in theOutpatient Laboratory and hospital patient care units

Credit Hours
0.25

MLS-401 Education and Management

Course Description
Group dynamics, basic educational theory, the five functions of management and a variety of related topics are presented through lecture and group activities.

Credit Hours
0.5

MMR-583 PrinMkt Rsrch Strategic Appl

Course Description
An overview of marketing research focusing on the marketing research key concepts and tools in the field. The use of primary and seondary data as well as qualitative and quantitative approaches from a strategic, decision making perspective. The course will cover the relevance of customer relationship marketing, consumer insight as well as data collection methods. As future marketing researchers, students will be trained to integrate results from exploratory, descriptive, and causal research processes and combine both qualitative and quantitative results to understand the best research method to use for a given challenge The course will be based on textbooks, assigned readings, case analyses, and student projects.

Credit Hours
0.75

MMR-584 UseSocial&DigitalMedia/Rsrch

Course Description
An in-depth look at the use of social and digital media and its application in marketing research to drive decision making. Emphasis is placed on appropriate application of social/digital media, and data collection methods. Understanding and applying secondary data within business needs will also be stressed. Focus on interpreting and understanding tools such as Google Analytics and Nielsen data will be included.

Credit Hours
0.75

MMR-585 Mkt Strategy&Rsrch Practcm 1

Course Description
Course will meet with an actual client to solve a strategic business challenge and marketing research need. Students will apply knowledge from MBA 583, and MBA 584 to determine management issues, identify research approach, and develop the survey instrument with a focus on data needs. Strong emphasis on project and client relationship management is also core to this practicum. (Prerequisites are MBA/MMR 583 & MBA/MMR 584).

Credit Hours
0.75

MMR-586 Mkt StrategyRsrch Practcm 2

Course Description
Course will meet with an actual client to solve a strategic business challenge and marketing research need. Students will apply knowledge from MBA 583, MBA 584, and MBA 585 to determine management issues, identify research approach, and develop survey instrument with a focus on data needs. Strong emphasis on project and client relationship management is also core to this practicum. This course includes the use of SPSS software in the analysis of data and finally a presentation and report are developed and presented to the client with recommendations for next steps based on the research findings. (Prequisites are MBA/MMR 583, MBA/MMR 584, and MBA/MMR 585).

Credit Hours
0.75

MMR-587 Managing Research Process

Course Description
(Also known as project management for researchers) The aspects of project management are developed in this course, through the use of readings, experiential exercises, role playing and case studies. This course will provide the skills to move professional researchers from highly focused research areas into broader research management. Prerequisites: MMR 583 and MMR 584.

Credit Hours
0.75

MMR-588 Sampling Techniques for Adv Researcher

Course Description
This course is relevant for the advanced researcher as it delves more deeply into the role of sampling in the research process. This course utilizes applied statistical methods, but differs from most statistical methods courses in that it focuses on the role of data collection and design for the researcher. The course examines problem situations of applying sampling methods to consumer populations. At a moderately advanced statistical level, this course will provide insight for the researcher that wants a deeper understanding of the sampling approach.

Credit Hours
0.75

MMR-589 DataMgt&MiningRsrchProcess

Course Description
This course is relevant for the advanced researcher as it will provide insights into broader data exploration that will help with business/research problem solving. Also, it will provide actionable insights such as classification, prediction and reduction of data. The combination of exploration along with the more tactical aspects will allow the students to learn to develop skills around decision making, providing a deeper understanding of client's secondary data in order to guide/ direct a well-rounded research study.

Credit Hours
0.75

MMR-590 Adv Research Practicum

Course Description
A practicum experience that revolves around an actual case situation in which students must implement a research study to effectively address management's strategic issue. The students are responsible for a complex process of development, management, administration, analysis and presentation of a study to find critical client feedback that can be applied to a clint's marketing problem. This is the capstone course and will provide a complex problem that will challenge students to utilize what they have learned throughout their research program and apply it in an actual client situation. Prerequisites: MMR 583, MMR 584, MMR 585, MMR 586, MMR 587, MMR 588, MMR 589.

Credit Hours
0.75

MOT-500 FundamentalContempPractice

Course Description
The aim of this class is to examine the philosophical foundation and basic tenets of occupational therapy practice. This course will address the core concepts that underlie practice as identified within the Occupational Therapy Practice Framework: Domain and Process. The course will address the implications of history, culture and the sociopolitical environment on theories and practice in occupational therapy and occupational science. Course content will focus on an examination of theories and models guiding practice, a systematic review of the literature and official document of the profession as a foundation for supporting ethical practice decisions. The role of personal and professional responsibility in professional development and engagement is emphasized. Students will be introduced to the process of professional credentialing(including certification and licensure), accreditation practices and standards, and the effect public policy has on these processes.

Credit Hours
0.75

MOT-504 Research Methods

Course Description
The aim of this class is to introduce students to the scientific method as a problem-solving process, developing experimental procedures for answering research questions, the process of evidence-based practice, learning to establish and test hypotheses, and summarizing and interpreting data.

Credit Hours
0.75

MOT-508 HealthcareSystems&HealthPolicy

Course Description
The aim of this course is to explore the historical development of, and current issues within, the U.S. health care system and U.S. health policy. By examining major stakeholders (e.g., the government, managed care organizations, private insurance providers) and health polices-particularly in regard to cost, quality, and access to care-we will compare the strengths and weaknesses of each, as well as their impact on individual patients and the health care system as a whole. We will analyze and critically assess the planning, finance, organization, administration, and evaluation of health policy in relation to the US health care system and its effect on occupational therapy services.

Credit Hours
0.75

MOT-512 Health and Occupation

Course Description
The aim of this class is to examine occupation as a social determinant of health. Course content will address population health issues and the influence of occupation on the promotion of health and the prevention of disease and disability. The contribution of occupational science and occupational therapy to the health and well-being of scoiety is explored. Factors that influence service provision, management, context and the approaches used to promote health are examined through a broad exposure to the delivery models and systems used in current and emerging practice. Prerequisite: HCA 508

Credit Hours
0.75

MOT-516 Fieldwork IA:FactInfluHlthILL

Course Description
The aim of this level I fieldworkclass is to introduce students to the needs of persons, groups and populations in the context of practice and focus on the psychological and social factors that influence engagement in occupation. This experience will enchance students' exploration of the biological, psychological, social and cultural factors that contribute to health, and influence the life satisfaction of service recipients within emerging practice areas. Students will gather information through an occupational profile used to identify ways in which health literacy, subjective experiences of health, illness and disability impact recipient choices and influence recipient-provider interactions. Pre-Requisites: HCA 508; MOT 500, MOT 504

Credit Hours
0.5

MOT-520 Clinical Neuroscience

Course Description
The aim of this class is to provide students with a foundation in human development, learning and behavior. The course will focus on neurobiology, disorders of the human nervous system and behavioral phenomena that accopmpany disturbances in the processing of information mediating of behavior across the lifespan. Students will explore the etiology, clinical course, management and prognosis of symptoms associated with mental health, sensory and cognitive/learning challenges interfering with the performance of everyday life activities.

Credit Hours
0.75

MOT-524 Professional Practice Seminar

Course Description
The aim of this class is to engage students in inter-professional and intra-professional discussions and dialogue related to collaborative care and the implications of practitioners' actions on the delivery of services in the region.

Credit Hours
0.25

MOT-528 Eval I:MentalHlth&LearnChal

Course Description
The aim of this course is to engage students in the evaluation process specific to providing occupational therapy services to persons, groups and populations experiencing challenges with affective, cognitive, perceptual and sensory functions of the body influencing health and well-being across the lifespan. The course will review the etiology, symptoms, clinical course, management and prognosis of symptoms in context of the evaluation of occupational performance. The course will cover the occupational profile, assessment process and procedures, test selection, analysis of occupational performance and identification of targeted outcomes. Prerequisites: HCA 508, MOT 500, MOT 520

Credit Hours
0.75

MOT-532 Plan&Intervent I:MentalHealth

Course Description
The aim of this class is to involve students in the intervention process specific to persons, groups and populations experiencing mental health challenges across the lifespan. The course will concentrate on selecting approaches to intervention to include health promotion, remediation/restoration, compensation/adaptation and disability prevention strategies in addressing the intervention plan, intervention implementation review and targeting of outcomes specific to persons, groups and populations experiencing mental health challenges across the lifespan. Prerequisite: MOT 528

Credit Hours
0.75

MOT-536 Plan/Intervent II:LearngChal

Course Description
The aim of this class is to involve students in the interventions process specific to persons, groups and populations experiencing challenges processing sensory and cognitive information affecting mental functions and learning across the lifespan. The course will concentrate on selecting approaches to intervention to include health promotion, remediation/restoration, compensation/adaptation and disability prevention strategies in addressing the intervention plan, intervention implementation, implementation review and targeting of outcomes specific to perspns, groups and populations experiencing learning challenges across the lifespan. Prerequisite: MOT 528

Credit Hours
0.75

MOT-540 Fldwrk L IB:BuildCommPartnr

Course Description
The aim of this class is to involve teams of students, under the supervision of a faculty advisor, in the planning of a collaborative service project that involves participatory research that addresses the promotion of health and/or prevention of disease and disability of persons, groups or populations within the local region. Students will have an opportunity to utilize skills associated with the intervention planning and interprofessioanl collaboration processes within a community setting. The completed project plan will include a review of the literature and an outline of all necessary steps and activities associated with implementing and measuring outcomes of the project and documenting findings. Students will provide a personal reflective analysis of the process. Prerequisites: MOT 504, MOT 512, MOT 516

Credit Hours
0.5

MOT-544 Clinical Neuroscience II

Course Description
The aim of this class is to address neurobiology and disorders of the human nervous system that accompany disturbances in the processing of movement-related functions across the lifespan. Students will explore the etiology, clinical course, management and prognosis of symptoms associated with neuromusculoskeletal and movement-related functions interfering with the performance of everyday life activities. Prerequisite: MOT 520

Credit Hours
0.75

MOT-548 Functional Anatomy

Course Description
The aim of this class is to study the relationship between skeletal system, muscular system, nerve innervations and joint actions in humans. Prerequisite: MOT 544

Credit Hours
0.75

MOT-552 Eval II:AcuteChronicPhyHlthCh

Course Description
The aim of this class is to engage students in the evaluation process specific to providing occupational therapy services to persons, groups and populations experiencing acute and chronic physical health challenges across the lifespan. The course will review the etiology, symptoms, clinical course, management and prognosis of symptoms in context of the evaluation of occupational performance. The course will cover the occupational profile, assessment process and procedures, test selection, analysis of occupational performance and identification of targeted outcomes. Prerequisites: MOT 500, HCA 508, MOT 520

Credit Hours
0.75

MOT-556 Plan/Intrvnt III:AcutePhyHlth

Course Description
The aim of this class is to involve students in the intervention process specific to persons, groups and populations experiencing acute physical health challenges across the lifespan. The course will concentrate on selecting approaches to intervention to include health promotion, remediation/restoration, compensation/adaptation and disability prevention strategies in addressing the intervention plan, intervention implementation, implementation review and targeting of outcomes specific to persons, groups and populations experiencing acute physical health challenges across the lifespan. Prerequisite: MOT 552

Credit Hours
0.75

MOT-560 Plan/Interv IV:ChronicPhyHlth

Course Description
The aim of this class is to involve students in the intervention process specific to persons, groups and populations experiencing chronic physical health challenges across the lifespan. The course will concentrate on selecting approaches to include health promotion, remediation/restoration, compensation/adaptation, and disability prevention strategies in addressing the intervention plan, intervention implementation, implementation review and targeting of outcomes specific to persons, groups and populations experiencing chronic physical health challenges across the lifespan. Prerequisite: MOT 552

Credit Hours
0.75

MOT-564 FldwrkLevel IC:ServingPopulat

Course Description
The aim of this class is to involve teams of students in the completion of a collaborative service learning project with a community partner, under faculty supervision. Students will have an opportunity to utilize skills associated with intervention implementation, intervention review and interprofessional collaboration processes. The completed scholarly project will include a written paper that covers review of the literature, the steps and activities associated with implementing the project, and documenting findings and conclusions, with each participant providing a personal reflective analysis of the process. Prerequisite: MOT 540

Credit Hours
0.5

MOT-568 Synthesis I:AbilityBaseCompet

Course Description
The aim of this class is to provide students with a summative evaluation of the student's academic performance in preparation for level II fieldwork. Students will participate in the presentation of the team service learning project and will receive summative feedback on ability-based performance outcomes focused on the student's cognitive, affective and psychomotor performance in the program. Prerequisites: MOT 524, MOT 532, MOT 536, MOT 552, MOT 556, MOT 560, MOT 564

Credit Hours
0.5

MOT-572 Fieldwork II A

Course Description
The aim of this full-time, 12 week(or equivalent) practicum experience under the supervision of a registered occupational therapist(OTR)is to involve students in the practice of occupational therapy. The fieldwork level II experience provides students with an opportunity to transfer knowledge and skills learned in the academic environment to a professional context. Prerequisite: MOT 568

Credit Hours
1.25

MOT-576 Fieldwork II B

Course Description
The aim of this full-time, 12 week(or equivalent) practicum experience under the supervision of a registered occupational therapist(OTR)is to involve students in the practice of occupational therapy. The fieldwork level II experience provides students with an opportunity to transfer knowledge and skills learned in the academic environment to a professional context. Prerequisite: MOT 568

Credit Hours
1.25

MOT-580 Synthesis II: Wrap-Up

Course Description
The aim of this class is to provide students with an opportunity to use advanced reasoning and reflective practice skills to compare, contrast and analyze the contribution of occupational therapy to the health and well-being of society. Students will examine the transformation of personal perspectives and

committment as future occupational therapy practicioners to continue personal and professional development and engagement contributing to the advancement of the occupational therapy profession. Prerequisite: MOT 572, MOT 576

Credit Hours
0.5

MPH-500 Foundations of Public Health

Course Description
This course introduces the history, mission, vision, and core functions of public health from a regional, national, and global perspective. The Ecological Model of Health seves as the conceptual framework to explore the social, political, economic, medical, legal, and ethical factors that create disparities that guide public health practice across populations and environments.

Credit Hours
0.75

MPH-502 Biostatistics I

Course Description
This course is designed to provide students with a broad overview of descriptive biostatistical methods as used for public health research. It introduces the practical application of descriptive data commonly used to address public health issues.

Credit Hours
0.25

MPH-503 Biostatistics II

Course Description
Building on the skills developed in MPH 502, this course is designed for students to learn to use analytical biostatistics as public health tools. It emphasizes the practical application of data to address public health issues, rather than theoretical and mathematical development. The topics to be covered include concepts of inferential statistics and applications of commonly used statistical tests in public health research and practice.

Credit Hours
0.75

MPH-505 PublicHlthServiceAdmin&Mgt-Online

Course Description
This course examines the administration, organization, financing, and delivery of public health services, with an emphasis on current health policy and management issues. Students will be exposed to the theories and practice of public administration as they are applied in publicc health settings.

Credit Hours
0.75

MPH-506 RoleDevelopmntPubHlthPract I

Course Description
This course assists students in individualizing their MPH study experience. Following an individualized inventory of public health-related knowledge, skills, attitudes, each student will collaborate with others in the articulation of a public health role development plan. This plan will be used to guide each student's focus throughout the MPH curriculum, i.e., in selected course assignments, practicum site selection, and capstone topic.

Credit Hours
0.25

MPH-507 !RoleDevlopmtPubHlthPract II

Course Description
This course will equip students with a toolbox of problem-solving skills and operational knowledge needed to integrate into the professional public health community. Students will also be exposed to transdisciplinary methods that will allow them to perform effectively on interprofessional teams with experts from other relevant disciplines including data science, health care administration, business, and others.

Credit Hours
0.25

MPH-508 Leadership&Innovation in Public Health

Course Description
This course is the cornerstone of the Elmhurst University public health program and will prepare students to be innovative problem solvers and leaders in public health. Leadership and innovation are linked because they are both essentially about understanding people in order to effectively motivate them, a key skill for public health professionals.The course is structured as a seminar, with 8 weeks of guest speakers from other disciplines both within the University and outside of it--data science, marketing, design, entrepreneurship, storytelling--talking about how their disciplines approach problem solving and how that could apply to public health. MPH students are encouraged to attend synchronously (in person or streamed online) but the sessions will be recorded so they can be accessed asynchronously as well. MPH students will complete additional asynchronous material on leadership and leadership theory and will apply this to a public health change management case study.

Credit Hours
0.75

MPH-510 Environmental Hlth Sci

Course Description
This course prepares students to understand the environmental factors including biological, physical, and chemical factors that affect the health of a community.

Credit Hours
0.75

MPH-520 PublicHlthPolicy&Poltic

Course Description
This course provides an introduction to the structures, institutions, and processes of the U.S. government at the federal and state levels, their interrelationships, and roles in shaping public health policy.

Credit Hours
0.75

MPH-530 Epidemiology

Course Description
This course prepares students to understand the distributions and determinants of disease, disabilities and death in human populations using an ecological model, the characteristics and dynamics of human populations; and the natural history of disease and biological basis of health.

Credit Hours
1

MPH-550 FundSocial&BehaviorSci

Course Description
This course prepares students to understand concepts and methods of social and behavioral sciences relevant to the identification and solutions to public health problems.

Credit Hours
0.75

MPH-551 Community Health Programming

Course Description
This course introduces philosophies, principles and methods for promoting health, and addresses the development of effective health promotion and health education programs. Health educator competencies and program planning tools will be applied to course content.

Credit Hours
1

MPH-552 Special Topics

Course Description
Variable experiences in public health designed for MPH students. Prerequisite: Acceptance into the Masters of Public Health program and consent from the instructor or the director of the MPH program.

Credit Hours
0.75

MPH-560 Rsrch&Evid-BasedPractPubHlth

Course Description
This course presents the theoretical underpinnings required for evidence-based practice in public health. It provides the knowledge and skills necessary to participate in public health research, collaborate on public health program evaluation, and apply evidence-based practice principles to population health.

Credit Hours
0.75

MPH-570 Public Hlth Practicum

Course Description
This course provides students an opportunity to demonstrate the practical knowledge and skills, acquired through their course of study, that are required for professional practice in public health. In addition to class sessions, each student participates in a 90-hour practicum with a faculty-approved preceptor and site. The practicum site will be a public health agency, such as a local or state public health agency, or a local, state, national or international non-governmental agency or organization.

Credit Hours
0.75

MPH-580 Public Hlth Capstone

Course Description
This capstone experience requires students to synthesize and integrate knowledge acquired through course work and practicum experiences. Many methods for demonstrating mastery of the body of public health knowledge and emerging leadership skills are possible, including a comprehensive examination, an applied practice project, or a major paper, along with an application activity that demonstrates emerging leadership skills.

Credit Hours
0.5

MPM-500 Project Management

Course Description
Project management teaches students the art and science of project management as applied to a variety of business and technology settings. Students will learn and practice project techniques that relate to the five phases of project management-initiating, planning, executing, monitoring and controlling and closing projects. The program allows students to immediately practice course concepts in various activities where they will create key project documents including a business case, project charter, scope statement, WBS and a project plan.

Credit Hours
0.75

MPM-501 ProjctMgt Fundmntls Prac I

Course Description
This course is designed to provide core skills for initiating and planning projects. Scope development, risk assessment, business case development and determination of stakeholders are included to initially create the case for the project. Planning is required to build the foundation for the project to include budget, project schedule, change management, role definition and approval. The kickoff meeting is a critical execution step that sets the project in motion and begins the implementation phase of the project. The course provides students with the essential skills for initiating and planning projects. The core skills outlined in this course are critical ingredients to the successful start-up of a

project and also provide the knowledge and skills for the first two performance domains of the Project Management Professional (PMP) exam preparation. Prerequisite: MBA 509.

Credit Hours
0.75

MPM-502 PrjctMgt Fundmntls Prac II

Course Description
This course provides students with the essential skills for planning resources for projects, developing the project team, procurement, and measuring and controlling project performance. These core skills are a necessary part of project management and provide the knowledge and skills for the last half of the Project Management Professional (PMP) Exam. The course is designed to guide students in procurement for the project and managing the execution of project activities including the measurement and control activities. Prerequisite: MPM 500.

Credit Hours
0.75

MPM-503 AI & Other Tools & Techniques for PM

Course Description
This course outlines the variety of tools and methods necessary to effectively manage projects. Project plans, Gantt charts, PERT charts, Critical Path Methodology, SDLC (System Development Life Cycle) and other tools are discussed, built and utilized, as well as Artificial Intelligence and other methodologies that are employed during a project. Prerequisites: MPM 501 and MPM 502.

Credit Hours
0.75

MPM-504 Organizational Management

Course Description
This course covers a broad range of topics surrounding the management of organizations. Course topics include behavior in organizations, strategic human resource management, current production and operations techniques and organizational structure and design. Change management techniques will be discussed. Course activities will develop and strengthen students' organizational decision making, analytical and communication skills.

Credit Hours
0.75

MPM-505 Fin Mgt for Project Manager

Course Description
This course is designed to provide the project manager with the requisite financial skills and tools necessary to manage projects. Project managers must adhere to a budget when implementing projects. The process for developing, tracking and reporting progress to project budgets, and variances, are discussed. Projects emanate from capital expenditures and initiatives. In order to be effective, project managers must understand the fundamental nature of capital budgeting for projects, managing multiple projects and the tools necessary to understand how projects are financially accepted by the organization. This course covers many of the financial topics discussed in MBA 504 as a core course for business managers. Financial topics are modified to focus more specifically on how they are used in the project management process, but nevertheless provide the financial skills that a graduate level student would need to be conversant with senior managers and critical stakeholders.

Credit Hours
0.75

MPM-506 Corporate Communications

Course Description
Communications are at the core of project management. The success or failure of a project is based upon how well communications occur with senior management, stakeholders, project team members, external parties, and clients. Dependent upon the type of project, communications can vary broadly. This course outlines the importance of communications and provides students with a foundation for how communications occur in the corporate setting and an assessment of effective communications. All modes of communications are explored and outlined. The course also considers optimal individual organizational relationships, small groups, group dynamics, and conflict management.

Credit Hours
0.75

MPM-507 Leadership & Change Mgt

Course Description
This course is targeted towards external and internal consultants, as well as managers and other change agents within organizations. Leading Change Management fosters improved competency in the skills necessary during all phases of the change process - from diagnosis, to interventions, through evaluation. Organizational change issues are critically examined, and case studies, exercises and assessments are utilized to better understand change from organizational, group and individual levels. Change models serve as frameworks that emphasize the importance of interactive consultative processes. A major organizational change project is required of all students. This is a leadership course focusing on strategies and strategic issues of change management within organizations.

Credit Hours
0.75

MPM-520 Agile Project Management

Course Description
This course will prepare students to use Agile which is a form of project management used in the software industry. Agile is increasingly being used for managing projects in other industries, especially when there is a high degree of change in product design during development and implementation. We will cover the fundamentals of Agile Project Management and also learn the philosophies of Agile which are necessary to become an effective practitioner. Students will learn all aspects of Agile required for the PMI-ACP exam. Prerequisite: MPM 503

Credit Hours
0.75

MPM-552 Leadership

Course Description
An examination of various leadership, managerial and administrative concepts and philosophies. The course places emphasis on the development of attitudes and values appropriate to professional management. The course uses an action learning approach to integrate the various theories and concepts presented.

Credit Hours
0.75

MPM-553 Organizational Behavior

Course Description
Course explores human behavior in organizations, using a "micro" level focus to investigate issues affecting individual behavior, interpersonal relations, groups and organizations. Students work in a variety of small groups and participate in experiential learning designs.

Credit Hours
0.75

MPM-554 Human Resource Mgt

Course Description
Examines human resource policies including staffing, training, job analysis and evaluation, compensation, employee development, union relations and government requirements.

Credit Hours
0.75

MPM-555 Negotiations

Course Description
This course examines the structure, process and nature of negotiations through experiential methods to (1) develop an understanding of negotiation models, strategies, conflict resolution, communications styles, situational analysis and elements of power and influence; and to (2) develop negotiation skills.

Credit Hours
0.75

MPM-556 Operations Management

Course Description
Operations management covers the broad range of activities performed in the production of a good or service. It covers scheduling, forecasting, inventory control, purchasing, quality control, work measurement, methods improvement, layout, material handling, safety, facilities planning, operations strategy and project management. The course examines the management of the functional area in the organization that either produces a product or provides a service. Since most employees of an organization are in the operations area, the course includes discussion of ways to develop and coach employees to achieve their best results.

Credit Hours
0.75

MPM-590 PMP Exam Preparation Review

Course Description
The PMP review course is designed to prepare students for success on the Project Management Professional (PMP) exam. This course incorporates the strategies, techniques, study guides and processes necessary to prepare students for successful preparation for taking the exam. Test taking strategies as well as sample questions are necessary components of the course. This is designed for those students who have completed the master's degree or graduate certificate in project management at Elmhurst and have the necessary project management hours to qualify for the exam and/or those who have met both the education and experience components to sit for the exam and require a review of the data for preparation. NOTE: This is a non-credit course.

Credit Hours
0

MPM-592 Independent Study

Credit Hours
0.75

MTH-110 Intro to Concepts in Math & Computing

Course Description
This course provides an overview of common mathematical concepts and the use of the computer in applying these in practical problem solving. The basic operation of the computer is studied, as are computer logic and programming, and methods of computation that employ software tools such as spreadsheets. Other mathematical topics include estimation, statistics, algebra, and geometry. Students seeking to fulfill the mathematics component of secondary-school certification requirements are encouraged to take this course. Fall Term, Spring Term.

Credit Hours
1

MTH-111 Intro to Math Methods & Applications

Course Description
Algebra including polynomials, rational expressions, exponents and roots, equations and inequalities, functions, and graphs. Applications include linear programming, exponential and logarithmic modeling, and market equilibrium and break-even points, particularly within the context of business, finance, and social science. A placement test is required. Fall Term, Spring Term.

Credit Hours
1

MTH-121 College Algebra

Course Description
Review of elementary algebra, equations, relations, functions and transformations, inequalities and quadratic functions, systems of linear equations and inequalities, polynomial equations and their graphs. Prerequisites: two years of high school algebra and one year of high school geometry with a

grade of C or better is recommended. A placement test is required. Fall Term, Spring Term.

Credit Hours
1

MTH-126 Business Calculus

Course Description
Differential and integral calculus including limits, rates of change, and accumulation functions. Review of precalculus topics related to business, finance, and social science. Applications include annuities, amortization, marginal rates, and optimization. Prerequisite: Sufficient score on the placement test or an algebra course at least equivalent to MTH 111 with a grade of C or better. Fall Term, Spring Term.

Credit Hours
1

MTH-132 Precalculus

Course Description
Relations, functions, and transformations, exponential and logarithmic functions, the circular functions, trigonometric functions of angles, identities, inverse functions, triangles and applications, vectors and applications, and complex numbers. A placement test is required. Prerequisite: MTH 121 or equivalent.

Credit Hours
1

MTH-146 Intro to Visual Analytics

Course Description
The world of modern analytics now impacts virtually every area of study and professional practice. Modern data visualization tools which can be readily used by anyone now make it possible for individuals from all backgrounds to effectively consume, use, and communicate about data. This course provides an introduction to visual data analytics. It takes a visual and intuitive approach to topics in exploratory data analysis and reasoning with data. Modern tools such as Tableau will be introduced. Applications of the course's concepts and techniques will be examined via a variety of case studies. This course does not require any prior formal training in statistics or computer science and is open to anyone who wants to acquire the edge facility with modern data brings.

Credit Hours
1

MTH-151 Calculus I

Course Description
Rate of change of a function, limits, continuity, derivatives of algebraic and trigonometric functions, applications of the derivative, and introduction to integration and applications. Prerequisite: MTH 132 or equivalent. Fall Term, Spring Term.

Credit Hours
1

MTH-152 Calculus II

Course Description
Transcendental functions, methods of integration, parametric equations, polar coordinates, and infinite series. Prerequisite: MTH 151 with a grade of C or better. Fall Term, Spring Term.

Credit Hours
1

MTH-251 Calculus III

Course Description
Vectors in three-space, quadric surfaces, partial derivatives with applications and multiple integrals with applications, introduction to vector analysis. Prerequisite: MTH 152 with a grade of C or better. Fall Term, Spring Term.

Credit Hours
1

MTH-292 Independent Study

Credit Hours
0.5

MTH-301 Discrete Mathematics

Course Description
Logic and proof, elementary number theory, mathematical induction and recursion, set theory, functions, relations, and combinatorics. Prerequisite: MTH 151. Fall Term, Spring Term.

Credit Hours
1

MTH-302 DiscreteMathII:Struct&Algorit

Course Description
Mathematical properties and applications of tree structures and graph theory are studied along with related algorithms. Fundamental concepts of discrete probability, including the binomial distribution and Bayes' theorem, are presented and used in the context of introductory analysis of algorithms. Computational linear algebra techniques and matrix operations are expressed algorithmically. Computations and algorithms for all topics in this course are implemented with an interpreted translator system, such as Python, Matlab, Octave, or ML. Prerequisite: MTH 301 and familiarity with a programming language.

Credit Hours
1

MTH-311 Intro to Math & Computer-Based Modeling

Course Description
An introduction to the modeling process including creative and empirical model construction, model analysis, and research using the model. This is accomplished using a problem-solving approach on a number of models of common static and dynamic problems. Prerequisite: MTH 152. Spring Term, odd-numbered years.

Credit Hours
1

MTH-325 Math Concepts for Elementary Teachers I

Course Description
Set theory; numeration systems, operations, properties and computing algorithms for whole numbers, fractions, decimals and integers, ratio and proportion. Problem-solving is used throughout the course. Pre- or corequisite: Edu 104. Restricted to Early Childhood, Elementary Education, or Special Education majors, or Middle School Mathematics Education minors. Fall Term.

Credit Hours
1

MTH-326 Math Concepts for Elementary Teachers II

Course Description
Half course Geometric shapes and relationships, measurement and patterns, probability and statistics, and algebraic skills. Problem-solving is used throughout the course. Restricted to Early Childhood, Elementary Education, or Special Education majors. Pre- or corequisite: EDU 104. Spring Term.

Credit Hours
0.5

MTH-327 Essentials of Statistics

Course Description
Designed to prepare students in elementary education to meet the required statistics standards. Students will learn to construct and analyze data sets, understand probability distributions, perform hypotheses tests on a single population, and understand linear regression equations. May not be taken for credit if credit for PSY 355, MTH 345 or MTH 346, or an equivalent course at another college has already been given. Does not count toward a major or minor in mathematics. Pre- or corequisite(s): EDU 104 or consent of the instructor. Restricted to early childhood, elementary education or special education majors. Spring Term.

Credit Hours
0.5

MTH-331 Foundations of Geometry

Course Description
Euclidean and non-Euclidean geometry and the nature of proof using the axiomatic method. Designed to provide an important learning experience both for the mathematics major who needs to acquire mathematical maturity required for more advanced mathematics courses, and for prospective teachers of geometry. Prerequisite: MTH 152 or MTH 301 or consent of instructor. Fall Term.

Credit Hours
1

MTH-341 Differential Equations

Course Description
First order differential equations, linear differential equations, Laplace transforms, power series methods, and solution of systems of differential equations. Prerequisite: MTH 251. Spring Term.

Credit Hours
1

MTH-342 Applied Analysis

Course Description
Fourier Series and convergence of Fourier Series, selected topics in boundary value problems including the heat and wave equations, Laplace's equation, and Bessel functions. Prerequisite: MTH 341. Alternate years.

Credit Hours
1

MTH-345 Elementary Statistics

Course Description
Statistical methods applied to economic and social data. Descriptive statistics, probability distributions, hypothesis testing, confidence intervals, correlation, and regression. Students wishing to review basic math skills in advance of this course may do so through the Learning Center. May not be taken for credit if credit has already been given for PSY 355, MTH 346, or an equivalent course at another college. Does not count toward a major or minor in mathematics.

Credit Hours
1

MTH-346 Statistics for Scientists

Course Description
Designed for mathematics and science students with an emphasis on the analysis of scientific data. Probability, probability distributions and their applications, estimation and confidence intervals, goodness of fit, hypothesis testing, experimental design, regression and correlation, analysis of variance, and nonparametric tests. Prerequisite: MTH 151 or equivalent. Spring Term.

Credit Hours
1

MTH-348 Adv Statistics/Econometrics

Course Description
Statistical analysis using multiple regression, time series, and advanced forecasting techniques in business and economics applications. Prerequisite: MTH 345 or 346 or PSY 355 with a C or higher. Cross listed with ECO 418.

Credit Hours
1

MTH-351 Mathematics of Finance

Course Description
A rigorous, calculus-based treatment of the mathematics of finance: time value of money, simple and compound interest, accumulation function, annuities, bonds, yield rates, amortization schedules and sinking funds, depreciation, yield curves, duration, convexity and immunization, and definition of derivative securities. This course is intended to prepare students for the Society of Actuaries examination on Financial Mathematics. Prerequisite: MTH 152 Fall Term, even-numbered years.

Credit Hours
1

MTH-361 Abstract Algebra

Course Description
The structure of algebraic systems including groups, rings, integral domains, and fields. Prerequisite: MTH 301 or consent of instructor. Linear Algebra recommended. Spring Term.

Credit Hours
1

MTH-362 Linear Algebra

Course Description
The algebra of matrices with applications to vectors and vector spaces, linear transformations, the theory of determinants, and abstract Euclidean spaces. Prerequisites: MTH 251 and MTH 301 or consent of instructor. Fall Term.

Credit Hours
1

MTH-381 Real Analysis

Course Description
The real number system, functions, sequences and limits, continuity, and differentiability, integration, the elementary transcendental functions, and properties of differentiable functions. Prerequisite: MTH 251 and MTH 301. Fall Term, odd-numbered years.

Credit Hours
1

MTH-400 Research Methods in Mathematics

Course Description
Half course A course in reading, researching, and writing mathematics. This course should be taken in the junior or senior year in preparation for writing the senior paper. Fall Term, Spring Term.

Credit Hours
0.5

MTH-421 Probability Theory

Course Description
Combinatorics, introduction to probability from a set-theoretic point of view, functions of random variables, expected value, generating functions, jointly distributed random variables and the Central Limit Theorem. Corequisite: MTH 251. Prerequisite: MTH 301 or consent of instructor. Fall Term, odd-numbered years.

Credit Hours
1

MTH-422 Mathematical Statistics

Course Description
Mathematical theory of statistical inference. Methods of estimation, maximum likelihood estimation, properties of estimators, confidence intervals, hypothesis testing, significance and power, contingency tables, goodness-of-fit. Prerequisite: MTH 421. Spring Term, even-numbered years.

Credit Hours
1

MTH-434 Complex Variables

Course Description
An introduction to the complex number system, the theory of analytic functions of a complex variable, Taylor and Laurent expansions, contour integration, and applications to problems in physics and engineering. Prerequisites: MTH 251 and MTH 301 or consent of instructor. Alternate years.

Credit Hours
1

MTH-440 Teaching Middle & Secondary School Math

Course Description
An introduction to current methods and strategies for teaching secondary school mathematics in grades 6-12. Teacher candidates will focus on the teaching of mathematics for conceptual understanding, mathematical reasoning and problem solving; fundamentals of planning, instruction and assessment in middle level and secondary mathematics classes; use of national, state and local standards for instruction and assessment; and understanding of how to transform theory into practice to ensure that all middle level and secondary students learn mathematics. Prerequisites: SEC 310, MTH 301 or consent of the instructor. Fall Term.

Credit Hours
1

MTH-444 Topology

Course Description
Fundamental concepts of intuitive set theory and the real number system, the structure of R and Rn, metric spaces, and general topological spaces. Prerequisite: MTH 381 or consent of instructor. Spring Term, alternate years.

Credit Hours
1

MTH-451 Senior Paper

Course Description
Half course This course is required of every student majoring in mathematics and is to demonstrate the research, writing, and analytical skills of the graduating senior. To be taken in the first or second term of the senior year, this research paper will provide evidence of what the student has learned by having been a mathematics major in terms of knowledge, skills, and insight. The topic of the paper will be selected by the student in consultation with a faculty advisor.Prerequisite(s): MTH 400 with a grade of C or better.

Credit Hours
0.5

MTH-468 Internship

Course Description
Full or 1.5 course This course provides opportunities for junior or senior mathematics majors to apply their mathematical knowledge in a supervised business or industrial setting. Ten to 20 hours of work experience per week is required for one course credit, 15-30 hours per week for credit of 1.5 courses. A term project focusing on learning outcomes of the experience is required. Approval of the department chair is required. Repeatable for credit. Fall Term, Spring Term.

Credit Hours
1

MTH-492 Independent Study

Course Description
Half or full course Repeatable for credit.

Credit Hours
0.5

MTH-495 Honors Independent Research

Course Description
Half course This course affords Honors Program students the opportunity to design and implement a significant research project in the field of mathematics culminating in an appropriate public dissemination of the research methods and findings. This course must be taken concurrently with another 300-400 course in the major or minor, facilitating faculty supervision and guidance. Permission of the faculty supervisor and the Director of the Honors Program required prior to registration. Fall Term, January Term, Spring Term, Summer Term.

Credit Hours
0.5

MTH-498 Topics in Mathematics

Course Description
Varying from term to term, the course covers subjects such as manifolds, mathematical statistics, number theory, a second course in abstract algebra, a second course in advanced calculus, or chaos theory. May be repeated for credit.

Credit Hours
1

MTL-514 Char Lrnrs with Disabilities

Course Description
This course is designed for teachers to examine the development and the diverse educational, physical, motor, communication, social-emotional, and cognitive needs of students with disabilities. Research on and implications for appropriate diagnosis, service delivery, and instructional methodology are examined.

Credit Hours
0.75

MTL-521 Prof/Community Collaboration

Course Description
This course involves the study of the effective interaction among educational professionals, paraprofessionals, parents, and students. Course topics include communication processes, problem-solving strategies, establishing positive collaborative relationships, as well as the management and assessment of collaboration. An additional focus will be on the process and the collaboration necessary for successful transitions throughout life.

Credit Hours
0.75

MTL-524 Ed AssmtProcess&LrnrsDisabil

Course Description
An advanced study of the educational assessment processes and strategies with a review of legal provisions, regulations, and guidelines. Focus areas include the uses and limitations of formal and informal assessments, the administration and interpretation of information obtained from both formal and informal measures, strategies for modifying and adapting formal measures (local, state, and national), and the Illinois Alternative Assessment Process.

Credit Hours
0.75

MTL-528 Issues in Teacher Leadership

Course Description
Teachers will research, analyze, synthesize, and evaluate the meaning of "teacher leadership" through investigating the current professional literature and their professional practice. The primary goal of the course is for teachers to enhance their understanding of teacher leadership, increase their leadership actions, and to learn how their actions can be a form of advocacy for improving education.

Credit Hours
0.75

MTL-530 Special Topics in Instruction

Course Description
A seminar designed to give graduate students in education an opportunity to study current research-based instructional models, methods, and strategies. Specific topics vary each term based on the interests of students and faculty expertise. May be repeated for credit when topic changes.

Credit Hours
0.75

MTL-532 Tchng in the Diverse Classrm

Course Description
This course provides a foundation for developing instructional practices that classroom teachers may use to respond to the issues of the 21st century. Teachers will examine the learning outcomes of pK-12 students with and without special needs in inclusive classrooms and the social issues faced by teachers, counselors, and administrators. Additional focus areas will include topics such as professional collaboration, differentiated instruction, strategies for modifying and adapting instruction, cooperative learning, problem-based learning, interdisciplinary instruction, learning styles and classroom applications of the theory of multiple intelligences.

Credit Hours
0.75

MTL-535 C&I Lrnrs/Hi Incidence Disab

Course Description
Prerequisite: MTL 524 This course offers an investigation of the special methodology, materials, and approaches for teaching students with mild to moderate disabilities in the academic curriculum (K-12). Educational assessment strategies, components in individualized education programs, and the design of such programs are also studied.

Credit Hours
0.75

MTL-536 Linking Assessmnt to Lrning

Course Description
In this course, teachers will examine the major types of assessments used for diagnosing and evaluating student learning in schools. Assessments will be designed and analyzed that effectively link learning objectives and learner outcomes with current research on differentiation. Teachers will learn how to effectively and ethically develop, implement, and interpret multiple assessment tools and practices by adapting them to the contexts in which they are used.

Credit Hours
0.75

MTL-537 C&I Lrnrs/Lo Incidence Disab

Course Description
An advanced study of the assessment, curriculum development and instruction in meaningful curriculum design including functional academics; critical life skills, and communication, social and mobility areas. Authentic assessment strategies, components in individualized education programs, and the implementation of functional curricula across settings is studied.

Credit Hours
0.75

MTL-538 Improvng Sch Climate & Lrng

Course Description
Teachers will explore controversial issues and best practices influencing positive school and classroom climates. They will analyze research-based practices and strategies to evaluate the essential qualities of schools and classrooms that optimize learning and socio-emotional development for students as well as support the retention of high quality faculty. Through application and self-evaluation of new practices for improving school and classroom climate, teachers will broaden their understanding and skills for meeting the needs of their students and set goals for moving to a higher-level of professional practice.

Credit Hours
0.75

MTL-541 Spcl Tpcs Admin:

Course Description
A seminar designed to give graduate students in education an opportunity to study current administrative theory, research, and practices in instructional leadership, management of public schools, and school and public policy. Specific topics vary each term based on the interests of students and faculty expertise. May be repeated for credit when topic changes.

Credit Hours
0.75

MTL-542 School Law for Leadership

Course Description
Teachers will be introduced to the laws and legal implications of court decisions affecting schools and professional educators under the Individuals with Disabilities Act. Teachers will analyze and discuss constitutional law, case law, and legal issues affecting educational policy and procedures by considering six general principles of IDEA: Zero Reject, Nondiscriminatory Evaluation, Individualized and Appropriate Education, Least Restrictive Environment, Procedural Due Process and Family Participation.

Credit Hours
0.75

MTL-544 Crss-Cultur Studies Tch Eng Lang Lrners

Course Description
This course is designed for teachers to examine the relationship among culture, classroom practices, and policy and how this relationship influences the education of the English language learners. Teachers begin by first examining their own culture and their cultural assumptions and biases and how those influence teaching and learning in the classroom. Issues of equity, access and cross-cultural understandings are examined as well. Teachers will analyze and redesign curriculum so that it is linguistically and culturally relevant. This course requires field experience hours in an ESL and/or bilingual P-12 classroom.

Credit Hours
0.75

MTL-558 Theoretical FoundationTeach EngLangLrnr

Course Description
This course is an introduction to and immersion into the theoretical frameworks of English as a Second Language (ESL) and Bilingual education and the research, movements, and policies that inform them. A variety of ESL/Bilingual models and programs that exist in pre-K through 12 schools and classrooms will be identified, analyzed, and evaluated through multiple assignment and media. Students will demonstrate an understanding of the relationship between theory and practice and will define their roles as teachers of and advocates for English learners. This course requires field experience hours in an ESL and/or Bilingual P-12 classroom. Formerly MTL 512, Theoretical Foundations of ESL/Bilingual Education.

Credit Hours
0.75

MTL-567 Culturally-RelevantCurr&Inst

Course Description
This course provides theory and practice in the analysis and integration of cultural proficiency for grades PreK-12. Teachers will explore the implementation of a culturally-relevant curriculum in the classroom that meets the needs of culturally and ethnically diverse students.

Credit Hours
0.75

MTL-569 Linguistics SecondLang Lrng

Course Description
The purpose of this course is to introduce linguistic concepts as they apply to teaching in a variety of contexts (including but not limited to) monolingual and bilingual classrooms. In addition, this course is designed to provide teachers with a meta-linguistic awareness in order to facilitate learning and instruction. This course will help us understand, think, and talk about the complexities of language, learning, and human development. The fields of linguistics, applied linguistics, and linguistic anthropology are dedicated to questions about the nature, function, and purposes of language and we will be using readings anchored in these disciplines to navigate our journey. This course requires field experience hours in an ESL and/or bilingual P-12 classroom. Formerly MTL 519, Linguistics in Second Language Acquisition.

Credit Hours
0.75

MTL-579 Mthds&Materials TchgEngLangLrnrs

Course Description
Prerequisite: MTL 558 This is an advanced course in the teaching of bilingual and sheltered English instruction to English language learners (ELLs). Students will learn different approaches and methodologies used to support the development of listening, speaking, reading, and writing in social and academic contexts. The course provides opportunities for students to develop curriculum for ELLs in bilingual and ESL classrooms, and examine instructional delivery through videotaping and analyzing practice. This course requires field experience hours in an ESL and/or bilingual P-12 classroom. Formerly MTL 517, English as a Second Language Teaching Methodology.

Credit Hours
0.75

MTL-587 Assessmnt Eng Lang Learners

Course Description
This course will focus on the discussion of basic principles and current approaches to assessment of language learning students in ESL and bilingual Pre-K-12 educational settings, including the policies, procedures and issues that inform the assessment of ELLs. Students will learn about the different purposes of process and product assessment tools, authentic and curriculum based forms of assessment, issues in the assessment of English Language Learners (ELLs), and assessment of academic content knowledge. Students will have opportunities to examine critically and practice administering assessment tools used in current educational contexts. Students will learn to identify language needs and how to differentiate them from developmental needs. This course requires field experience hours in an ESL and/or bilingual Pre-K-12 classroom. Prerequisites: MTL 544, 558 or 569.

Credit Hours
0.75

MTL-591 Action Research in Education

Course Description
A purpose of this course is to take the classroom practitioner from theory to practice. With professor supervision, teachers will learn how to use action research methods as a means of collecting data that can inform and improve practice as well as be applied in their graduate research projects. Topics will reflect current educational issues and areas of research. Prerequisite: 15 hours of prior graduate credits in program.

Credit Hours
0.75

MTL-592 ActnRsrch&ApplBilingualMthds

Course Description
Prerequisites: MTL 544, MTL 558, MTL 569, and MTL 579. This is an advanced course in the inquiry and application of bilingual and ESL methods. Students will study their own teaching of bilingual and ESL methodologies designed to support the develoment of listening, speaking, reading, and writing in social and academic contexts. Through the implementation of an action research model of teacher inquiry, teachers will examine critically their bilingual and ESL instructional practices and develop a situated and transformative action plan for future teaching that is anchored in sociocultural views of learning. Teachers will learn how to use action research methods to collect data on teaching practices and for graduate research projects. This course requires field experience hours in an ESL and/or bilingual P-12 classroom.

Credit Hours
0.75

MTL-597 Promot Professionl Developmnt Sch Improv

Course Description
In this course, teachers examine how different models of professional development impact student learning. They research and evaluate models of effective professional development in education designed to meet teaching and learning needs. Teachers learn how to observe instruction and provide coaching, mentoring, and professional development to colleagues. Readings and assignments are aligned with the Professional Learning Domain of the Teacher Leader Model Standards.

Credit Hours
0.75

MTL-598 Seminar in Leadership

Course Description
This course represents the culminating experience for all teachers. This seminar is completed during the final fall or spring term in the program. The course goals require that the teachers integrate the three core program areas with their focus areas. Small groups of teachers prepare, present, and peer-evaluate final masters projects, which may be individual or collaborative. Prerequisite: 24 hours of prior graduate credits in program.

Credit Hours
0.25

MUS-100 Concert Attendance

Course Description
All music majors are required to attend at least twelve music department concerts each term. To satisfy the department's recital attendance requirement, all music majors must enroll in and successfully complete the recital attendance course every term of full-time enrollment as a music major. This course is repeatable and can be taken for credit or non-credit. Specific information about recitals, concerts, attendance verification, etc., will be discussed at the fall orientation session for music majors, and can be found in the Music Department Handbook.

Credit Hours
0.25

MUS-120 Jazz Fundamentals I

Course Description
Fundamental development of the terminology and skills necessary to be competent in jazz and commercial music. Topics include understanding the jazz language and vocabulary, basic chord construction, scales, and modes in both major and minor. Required of all jazz studies majors. Fall Term.

Credit Hours
1

MUS-121 Jazz Fundamentals II

Course Description
Continuation of MUS 120. Theory topics progress to polychord nomenclature, symmetrical scales, pentatonic scales and blues scales. Rhythmic skills and transcription strategies are also addressed. Prerequisite: MUS 120 or consent of instructor. Spring Term.

Credit Hours
1

MUS-130 Aural Skills I

Course Description
This course is the First in a four-semester sequence of aural skills for music majors. It includes practice in interval, scale, and chord recognition, pulse and meter identification, rhythmic and melodic dictation, and diatonic sight singing. Instruction will explore all major and minor keys as well as simple and compound meters. Musicianship skills gained in this course are applicable to all areas of music performance, theory, and pedagogy.Pre-requisite: MUS 134 or a high score on the Music Theory Placement Exam.

Credit Hours
0.25

MUS-131 Aural Skills II

Course Description
This course is the second in a four-semester sequence of aural skills for music majors. It includes practice in the following topics ? diatonic and chromatic sight-singing; interval, scale, and chord recognition; pulse and meter identification; musical elements; rhythmic, melodic, and harmonic dictation. Instruction will explore all major/minor keys as well as simple/compound meters. Musicianship skills gained in this course are applicable to all areas of music performance, theory, and pedagogy. Pre-requisite for this course is MUS 130.

Credit Hours
0.25

MUS-132 Aural Skills III

Course Description
This course is the second in a four-semester sequence of aural skills for music majors. Aural Skills III focuses on developing and improving a number of skills related to hearing, singing, and understanding tonal music. In this course, students will improve their aural skills in the following areas: intervals, chord quality, scale degree recognition & reproduction, harmonic function, phrase structure & form, rhythm, meter, sight singing, solfege, and in rhythmic, melodic, and harmonic dictation. Pre-requisite for this course is MUS 131.

Credit Hours
0.25

MUS-133 Aural Skills IV

Course Description
This course is the last in a four-semester sequence of aural skills for music majors. Aural Skills IV focuses on developing and improving a number of skills related to hearing, singing, and understanding advanced tonal and post-tonal music. In this course, students will improve their aural skills in the following areas: intervals, chord quality, scale degree recognition & reproduction, harmonic function, phrase structure & form, rhythm, meter, sight singing, solfege, and in rhythmic, melodic, and harmonic dictation. Pre-requisite for this course is MUS 132.

Credit Hours
0.25

MUS-134 Music Fundamentals

Course Description
MUSIC FUNDAMENTALS INTRODUCES STUDENTS TO THE RUDIMENTS OF MUSIC: THE BASICS OF RHYTHM, PITCH, AND HARMONY ARE ALL ADDRESSED IN BOTH WRITTEN AND AURAL CONTEXTS. (THIS COURSE IS A PREREQUISITE FOR MUS 135, OR PASSING THE MUSIC THEORY PROFICIENCY EXAM.)

Credit Hours
1

MUS-135 Theory I

Course Description
Study of dimensions of music from aesthetics and acoustics to pitch, melody, harmony, rhythm, timbre, and form. Fundamental terminology and skills are developed for each dimension. Basic vocabulary of music; reading of musical rhythms and pitches; exercises in counterpoint, part writing, and elementary composition and analytical concepts and techniques. Required of all music majors. Prerequisite: MUS 134 or PASS placement exam.

Credit Hours
1

MUS-136 Theory II

Course Description
Continuation of MUS 135. Analytical approaches to the music of the Renaissance, the baroque, and other periods illuminate the development of tonal harmony and its related terminology. Keyboard, dictation, and composition assignments systematically reinforce the analytical studies, with an eye to developing mastery of tonal theory. Required of all music majors. Prerequisite: MUS 135 or equivalent. Spring Term.

Credit Hours
1

MUS-140 Music Industry Survey

Course Description
Music Industry Survey explores the many career opportunities available in the music industry. Through lecture, video presentation, guest lecture, site visits, and class projects, music industry career paths are explored in detail so that the student develops a true understanding of each of the jobs explored. Through self-assesment,and in dialog with the instructor, the student will engage in discerning which paths are realistically good options for the student, and what are some concrete objectives that can be establish to promote success. Discussion of what is expected from an industry professional also takes place, coaching the student in how to present one's self in a professional manner so as to be successful.

Credit Hours
0.5

MUS-150 Intro to Mus Ed

Course Description
The study of principles and procedures for teaching music. An overview of historical, philosophical, and psychological foundations of music education. Examination of aesthetics, program development, methods of teaching, administration, supervision, and evaluation. Emphasis in two areas: music teaching and learning practices; and the music teahcer's participation in school systems at all educational levels. Recommended for first-year music education majors.

Credit Hours
1

MUS-172 Varsity Strings

Course Description
Varsity Strings is for students who wish to gain additional orchestral experience and for students who desire to build proficiency on a secondary instrument. The Varsity Strings perform a concerteach term. Prerequisite: MUS 255 or consent of instructor. Repeatable for credit.

Credit Hours
0.25

MUS-178 Varsity Band

Course Description
Varsity Band is for students who wish to gain additional band experience and/or music education majors who desire to build proficiency on a secondary instrument. The band performs a concert each term. Prerequisites: audition and consent of the instructor. Repeatable for credit.

Credit Hours
0.25

MUS-184 Choral Union

Course Description
Quarter course or non-credit Study and performance of oratorio literature. Two major performances each year. Open to all with an audition. Does not normally fulfill music major ensemble requirement. Repeatable for credit.

Credit Hours
0.25

MUS-199 Practical Applications Live Music Prod.

Course Description
Practical Applications of Live Music Production provides experience for students in producing, recording, organizing, and streaming live music events on campus. Working with the latest in live sound technology, digital recording, and video equipment, students work with the many musical performances on campus to provide the best audio and visual experience. Students become skilled in the areas of using digital mixing boards, sound systems, microphone techniques, audio/video recording and editing, staging, and event coordination and planning.

Credit Hours
0.25

MUS-212 Music in Western Culture

Course Description
Development of skills in listening to music. No background in music is needed. Following an introduction to the elements of music, music literature in historical perspective is presented with a view toward awakening critical abilities helpful in understanding and enjoying music. Attendance at concert performances is required. Fulfills the Fine Arts General Education Requirement. Fall Term.

Credit Hours
1

MUS-215 Music in the Christian Church

Course Description
A study of Christian theology as embodied in the worship and music traditions of North American churches. Examination of a broad range of historic worship practices as a means to understand and appreciate different religious traditions within the church. Exploration of contemporary church issues, including multicultural influences. Open to all students.

Credit Hours
1

MUS-218 The Making of Jazz

Course Description
A detailed study of jazz from two perspectives: history and listening. The historical perspective will include a study of important eras from New Orleans Dixieland to Fusion, with special attention given to important figures such as Louis Armstrong, Duke Ellington, Charlie Parker, and Miles Davis. Listening strategies will focus on the examination of important jazz elements such as improvisation and form. No musical background is required.

Credit Hours
1

MUS-219 The History of Rock & Roll

Course Description
This course actively engages students in the history and development of rock & roll through listening, watching performances and interviews, class discussion, and independent research and analysis. Students will gain from this course an understanding of different eras and styles of rock & roll music, the artists and album that define these, and how the genre has influenced and been influenced by global society and culture.

Credit Hours
1

MUS-221 Functional Class Piano I

Course Description
Half course Class piano for students who have had little or no keyboard instruction. Emphasis on harmonizing melodies, transposing, sight reading, and other skills useful in classroom music teaching. Class size limited. Fall Term.

Credit Hours
0.5

MUS-222 Functional Class Piano II

Course Description
Half course Class piano approach. Skills include a survey of MUS 221 Functional Piano I course content, accompanying, score reading, ensemble playing, and advanced transposition and sight reading. Completion of MUS 222 satisfies the Keyboard Musicianship requirement. Class size limited. Prerequisite: MUS 221 or consent of instructor. Spring Term.

Credit Hours
0.5

MUS-223 Jazz Keyboard Fundamentals

Course Description
Half course Keyboard realization of jazz harmony with idiomatic voicings. Areas studies include: block chording, advanced diatonic chords, and foundational progressions in multiple keys. Prerequisite: MUS 221 and 222 or completion of piano proficiency exam. Spring Term.

Credit Hours
0.5

MUS-224 Songwriting

Course Description
This course introduces students to the art of songwriting. It covers important concepts in crafting music and lyrics, and examines songs from a historical, cultural, and social viewpoint. The course will cover the development of songwriting in the United States from 19th century to the present. In doing so, students will profile songwriters and their craft, and create an original song with original lyrics.

Credit Hours
1

MUS-225 Intro to Film Music

Course Description
This course examines the role music plays in film. In doing so a number of questions will be considered including, what role does music play in a film, and what impact does it have on the viewing experience? The course will introduce students to important concepts in both drama and music, and examine various films from a historical, cultural, and social viewpoint. The course will cover the development of film music from the turn of the Twentieth Century to the present. In doing so, students will profile composers and their craft, and compare and contrast several international film markets.

Credit Hours
1

MUS-226 Musical Theatre/Light Opera Workshop

Course Description
A course offering an opportunity for performing experience in opera and musical theatre in a workshop setting. Activities may include lectures, demonstrations, assigned readings and listening, oral reports, performance training, and a field trip. The chief goal will be a performance of prepared scenes, which will be presented at the end of the term. In preparation for the performance, each student will be assigned specific tasks. These may include solo roles, roles in the chorus, and technical-staging assignments. ALL STUDENTS TAKING THE COURSE MUST AUDITION. Auditions are merely for scene assignment and will be held in late November, 2002. There will be a $25 fee per student for instructional materials. This class may be taken a second time, in which case requirements will include research and oral reports and more advanced directing and/or technical work.

Credit Hours
1

MUS-235 Theory III

Course Description
Continuation of MUS 136. Detailed study of the expansions of the tonal system achieved in the 18th and 19th centuries. Chromatic harmony, including modulation to distant keys as well as augmented sixth, Neapolitan, and altered chords. Prerequisite: MUS 136 or equivalent.

Credit Hours
1

MUS-236 Theory IV

Course Description
Continuation of MUS 235. Broad-ranging studies of the compositional, aesthetic, and theoretical developments of the late 19th and 20th centuries including tonal ambiguity, expansions and negations of traditional tonality, and reorganizations of all musical dimensions. During the latter part of the term, each student is required to compose a work for public performance. Prerequisite: MUS 235 or equivalent.

Credit Hours
1

MUS-246 Collegiate Chorus

Course Description
Quarter course or non-credit Study and performance of choral literature from a variety of historical periods. May fulfill the music major ensemble requirement. Prerequisite: audition and consent of instructor. Repeatable for credit.

Credit Hours
0.25

MUS-250 Guitar Techniques

Course Description
Basic teaching pedagogy in acoustic guitar. Class size limited. Prerequisite: MUS 136 or consent of instructor.

Credit Hours
0.5

MUS-251 Woodwind Techniques

Course Description
Half course Basic teaching pedagogy in flute, clarinet, oboe, bassoon, and saxophone for instruction in elementary and secondary schools. Class size limited. Prerequisite: MUS 136 or consent of instructor. Fall Term.

Credit Hours
0.5

MUS-252 Percussion Techniques

Course Description
Half course Basic teaching pedagogy in snare drum, bass drum, cymbals, timpani, mallets, and trap percussion instruments for instruction in elementary and secondary schools. Class size limited. Prerequisite: MUS 136 or consent of instructor. Fall Term.

Credit Hours
0.5

MUS-253 Vocal Techniques

Course Description
Half course Basic teaching pedagogy in voice including chamber singing, vocal jazz techniques, and improvisation for instruction in elementary and secondary schools. Class size limited. Prerequisite: MUS 136 or consent of instructor. Fall Term.

Credit Hours
0.5

MUS-253L Choral Techniques and Methods Lab

Course Description
This course will provide a lab ensemble experience in which to practice the instructional techniques covered in Choral Techniques and Choral Methods. The class will explore and practice basic teaching and rehearsal pedagogies for a comprehensive choral program, as well as how to address foundational choral techniques and repertoire. The class will explore choral teaching philosophies in a hands-on methods laboratory environment.

Credit Hours
0

MUS-254 Brass Techniques

Course Description
Half course Basic teaching pedagogy in trumpet, horn, trombone, baritone, and tuba for instruction in elementary and secondary schools. Class size limited. Prerequisite: MUS 136 or consent of instructor.

Credit Hours
0.5

MUS-255 String Techniques

Course Description
Half course Basic teaching pedagogy in violin, viola, cello, and double bass for instruction in elementary and secondary schools. Class size limited. Prerequisite: MUS 136 or consent of instructor. Fall Term, Spring Term.

Credit Hours
0.5

MUS-256 Jazz Techniques

Course Description
Half course Basic teaching pedagogy in the area of jazz. Techniques addressed include jazz band, combos, rehearsal strategies, improvisation, jazz theory, equipment, and literature. Fall Term.

Credit Hours
0.5

MUS-257 Choral Methods

Course Description
Basic teaching pedagogy for a comprehensive choral program to address foundational choral techniques and repertoire. Areas of music considered will range from the Renaissance to contemporary choral literature. Emphasis will be for the middle and high school choral director. Will include exploration of choral teaching philosophies, as well as hands-on methods for classroom use.

Credit Hours
0.5

MUS-258 Technology for Mus Educators

Course Description
Hands-on introduction to music and multi-media software used by music educators. Exposure to software programs used for music notation, CAI (computer-assisted instruction), multimedia authoring, presentations, email, internet exploration and web page development. Emphasis on technology as a set of tools that support educational goals. Prerequisite: MUS 136 or consent of instructor.

Credit Hours
0.5

MUS-260 Marching Band Techniques

Course Description
Half course Basic teaching pedagogy in the area of marching band. Techniques addressed, include designing drills, equipment, rehearsal strategies, computer design, related areas and literature. Fall Term.

Credit Hours
0.5

MUS-263 The Beatles

Course Description
A multimedia celebration of the cultural phenomenon called the Beatles. Through recordings, video, lectures, and readings, we examine the music and the careers of the "Fab Four" on the 40th anniversary of the White Album. The history of rock'n'roll serves as a constant backdrop against which we study the formation of the Beatles, the evolution of their music, and the careers of individual Beatles after they break up. Throughout the course, we seek to understand the creative interaction between the Beatles and the music and culture of the 1960s. No background in music needed.

Credit Hours
1

MUS-267 Opera Scenes

Course Description
This performance oriented class is designed to increase basic knowledge and methods of preparation for stage performance of scenes from operas. Prerequisite: AMV 102 or permission of instructor.

Credit Hours
1

MUS-278 Symphonic Band

Course Description
The Symphonic Band maintains full concert band instrumentation for the study and performance of standard and contemporary band repertoire. The band performs two/three concerts per term and tours each Spring Term. Fulfills music major ensemble requirement. Prerequisite: audition and consent of the instructor. Repeatbale for credit.

Credit Hours
0.25

MUS-286 Jazz Lab Band

Course Description
Quarter course or non credit. Repertoire is drawn from contemporary big band literature. Provides jazz performance opportunities for both jazz studies majors and majors in other disciplines. Fulfills the music major ensemble requirement for jazz studies majors after four terms of choir, concert band, or orchestra have been fulfilled. Repeatbale for credit.

Credit Hours
0.25

MUS-288 Vocal Jazz Ensemble Blue

Course Description
Quarter credit or no credit Study and performance of vocal jazz literature in a small educational jazz ensemble. Does not fulfill music major performance requirement. Repeatable for credit.

Credit Hours
0.25

MUS-290 Digital Music I

Course Description
An exploration of MIDI, audio processing, drum machines, virtual controllers, digital synthesis, and signal processing. Development of skills in MIDI event entry, audio editing and processing, arranging, and mixing. Topics of discussion to include sampling, sequencing, and musical composition and notation.

Credit Hours
1

MUS-291 Digital Music II

Course Description
An exploration of tactile surfaces, virtual controllers, time compression-expansion, pitch correction, digital synthesis and signal processing. Development of skills in MIDI programming, audio editing, arranging, film scoring, and mix automation. Topics of discussion to include interactive audio as applied to the world wide web, presentations, videogames, and mobile media. For all levels. Prerequisite: MUS 290 or consent of instructor.

Credit Hours
1

MUS-292 Independent Study

Credit Hours
0.5

MUS-300 Entrepreneurship for Musicians

Course Description
Entrepreneurship for Musicians is designed as a course to prepare students for real-world situations as a professional musician, including freelancing, private teaching, creating new avenues for performance opportunities , and more. This course is a requirement for the Music Performance degree.

Credit Hours
1

MUS-301 Jazz & Ethnic Percussion I

Course Description
A survey of jazz percussion, it's history and relevance in music as well as it's wide reaching influence. Ethic percussion will also be discussed with sections on music from Brazil, Cuba, Africa and India. We will perform on a regular basis in class.

Credit Hours
0.5

MUS-306 Fingerboard Harmony I

Course Description
A survey of harmonic vocabulary on the guitar fingerboard, primarily in three voices. Harmonic analysis of selected literature and development of student written solo or ensemble guitar arrangements will also be explored. All guitarists regardless of style will find the material insightful and relevant.

Credit Hours
1

MUS-307 Fingerboard Harmony II

Course Description
A continuing survey of harmonic vocabulary on the guitar fingerboard, in four voices and beyond. Harmonic analysis of selected literature and student written solo or ensemble guitar arrangements will also be explored. All guitarists regardless of style will find the material insightful and relevant.

Credit Hours
1

MUS-310 Varieties of World Music

Course Description
Aspects of non-Western music cultures, such as West African and North Indian, are studied and compared to aspects of Western music culture. Emphasis on listening and developing the ability to recognize and appreciate musical expressions of each culture. The tools and perspective of ethnomusicology are introduced. Meets the non-Western culture requirement for state general education certification. $40.00 lab fee is required. No prerequisite. Spring Term.

Credit Hours
1

MUS-312 Concerts for Credit

Course Description
Development of capacities for listening to music through guided independent study. Concert attendance, lectures, and writing assignments provide a basis for the appreciation of music as an art form. Students predetermine course grades by contracting with the instructor. Limited class meetings. Sophomore, junior or senior standing required.

Credit Hours
1

MUS-314 History of Musical Theatre

Course Description
This course offers students an increased understanding of the interaction of music and theatre throughout the centuries, and explores its significant impact on other parameters of society. Students will be introduced to the basic elements of both music and theatre, and will explore the ways that the creators of these works have utilized these elements to evoke emotional reactions from their audiences. Background in music or theatre is not required.

Credit Hours
1

MUS-318 Jazz: A History & Analysis

Course Description
A detailed study of jazz from two perspectives: history and analysis by instrument. The historical perspective will include a study of immportant eras from New Orleans Dixieland to Fusion, with special attention given to important

musicians such as Louis Armstrong, Duke Ellington, Charlie Parker, and Miles Davis. Analysis will focus on the examination of important traditions relative to the key musical instruments in jazz.

Credit Hours
1

MUS-320 Performance History & Lit I

Course Description
A survey of the performance literature for the student's major instrument from the 15th through the 20th century, with emphasis on the composers, performers and cultural aspects that contributed to the creation of the works. The timeline division between MUS 320 and 321 will be determined by the instructor of each instrument. MUS 320 and 321 do not need to be taken in sequence.

Credit Hours
0.5

MUS-323 Performance Seminar

Course Description
Performance Seminar is open to musicians of any instrument or voice majoring in Music Performance. Students will perform repertoire of their choice in a masterclass setting and will receive feedback from the faculty and students present. The discussion based nature of the feedback will provide constructive criticism to the performers while also informing the audience. Mini lectures and handouts regarding performance anxiety will also be discussed. This course may be repeated. Students not majoring in Music Performance may register for Performance Seminar with instructor approval.

Credit Hours
0.5

MUS-325 Rhythm Section Fundamentals

Course Description
Half course A detailed study of the jazz rhythm section, including how it interacts and functions in performance. Topics addressed will include the role of the drums, the bass, the piano, and the guitar. Also how this group of instruments works together as a section. Required of all jazz studies majors. Highly recommended for music education majors. Prerequisites: MUS 120 and 121 or consent of instructor. Fall Term.

Credit Hours
0.5

MUS-326 Mus Thtr/Light Opera Wrkshp

Course Description
A course offering an opportunity for performing experience in opera and musical theatre in a workshop setting. Activities may include lectures, demonstrations, assigned readings and listening, oral reports, performance training, and a field trip. The chief goal will be a performance of prepared scenes, which will be presented at the end of the term. In preparation for the performance, each student will be assigned specific tasks. These may include solo roles, roles in the chorus, and technical-staging assignments. ALL STUDENTS TAKING THE COURSE MUST AUDITION. Auditions are merely for scene assignment and will be held in late November. There will be a $25 fee per student for instructional materials. This class may be taken a second time, in which case requirements will include research and oral reports and more advanced directing and/or technical work.

Credit Hours
1

MUS-328 Popular Music Ensemble

Course Description
Popular Music Ensemble will learn and perform songs from a wide variety of artists, genres, and eras. Genres covered will include, but are not limited to, rock, pop, R&B, country, and hip-hop, and selected music will be based largely on student interest. Students will rehearse and perform music, learn music to be performed individually and in a group setting, develop an understanding of what is unique about the music the ensemble learns, and create their own original music for the ensemble to perform.

Credit Hours
0.25

MUS-330 Principles & Procedures in Music Bus

Course Description
The study of principles and procedures providing a background for work in the music industry. Many phases of music business are explored, including publishing, music licensing, copy-right law, music merchandising, music in advertising, and others. Special attention is given to self-evaluation and the examination of the many careers in the music field.

Credit Hours
1

MUS-331 Advanced Studies in Music Business

Course Description
A detailed analysis of key topics in music business. Areas examined include: arts administration, film music, record companies, talent management, advanced legal aspects, print publishing, and digital music. Prerequiste: MUS 330.

Credit Hours
1

MUS-332 Production of Sound Recordings

Course Description
A study of the techniques and principles involved in producing and marketing a recorded product. Half of the course concentrates on acoustic theory and audio technology and includes hands-on utility in the Gretsch Recording Studio. The second half investigates administrative aspects related to the production and sale of the recorded product: licensing, contracts, record company operations, promotion, and merchandising. Students work to produce a sound recording as a final project. Spring Term.

Credit Hours
1

MUS-333 Audio Engineering

Course Description
A detailed investigation of the principles, techniques and technology used in audio production. Subjects include basic acoustics, microphone techniques, equipment maintenance, multi-track theory, mixing, signal processing and digital mastering. Students utilize the Gretsch Recording Studio in producing projects. Prerequisite: MUS 332 or consent of the instructor.

Credit Hours
1

MUS-335 Orchestration & Arranging

Course Description
A detailed investigation of modern instruments together with a practical study of the art of scoring and arranging for ensembles, including orchestra, band, jazz band, and various small ensembles. Instrument studies and analysis of scores for diverse ensembles prepare students to write original compositions. MIDI software, used to create and play back scores, allows students to hear their arrangements. Live performance of some scores. Prerequisite: MUS 136 or consent of the instructor. Spring Term.

Credit Hours
1

MUS-336 String Improvisation for Educators

Course Description
The purpose of this course is to provide current music educators an opportunity to learn string improvisation techniques utilizing fiddling, rock, pop, and jazz styles, and to provide undergraduate students a working knowledge of improvisation. Performance and pedagogical techniques will be taught, and literature appropriate for various levels of school string ensembles will be explored. An intermediate to advanced playing level on a string instrument is required.

Credit Hours
0.5

MUS-340 Music and Entertainment Law

Course Description
Music and Entertainment Law provides the students with the legal background necessary to comprehend and work with the laws governing the music industry and related entertainment fields, covering the rights and the legal and ethical considerations that arise in the industry.

Credit Hours
1

MUS-341 ConcertPromo&VenueManagement

Course Description
A study of concert promotion which includes advertising, marketing, publicity, artist relations, contracts, riders, venues, audience projections/demographics and finance (budgets, corporate sponsorships, gate receipts, etc.). Also a study of Venue operations and management which includes staging, lighting, sound, video, costumes, the hosting of talent, and customer relations.

Credit Hours
1

MUS-343 History & Literature of Music I

Course Description
The evolution of musical styles from the earliest times of Western music through the compositions of the baroque era. Extensive use of scores, recordings, and written reports. Introduction to music research. Required of all music majors. Prerequisite: MUS 136 or consent of the instructor. Fall Term.

Credit Hours
1

MUS-344 History & Literature of Music II

Course Description
Musical style from the early classical era to contemporary times. Required of all music majors. Prerequisite: MUS 136 or consent of instructor. Spring Term.

Credit Hours
1

MUS-348 Chamber Singers

Course Description
Quarter course or non-credit Study and performance of advanced choral literature. Emphasis on acapella singing. Does not fulfill music major ensemble requirement. This group performs on and off campus. Prerequisite: audition and consent of instructor. Repeatable for credit.

Credit Hours
0.25

MUS-350 Jazz Arranging I

Course Description
Introductory class in the area of Jazz orchestration. Topics addressed will include melodic paraphrase, two-part harmonization, counter-melody, four-note close position voicings, harmonization or non-harmonic tones, four-note open position voicings, three-note voicings, accompaniment devices, rhythm section writing and small ensemble arranging. Prerequisites: MUS 120, MUS 121 and consent of the instructor.

Credit Hours
1

MUS-351 Jazz Arranging II

Course Description
Advanced class in the area of jazz orchestration. Topics addressed will include sax section solis, brass section solis, four and five note chord brass section writing, six and seven note chord brass section writing, integrating the sax section into brass section voicings, writing the sax section against the brass section and large jazz ensemble writing. Pre-requisite: Music 350 and consent of instructor.

Credit Hours
1

MUS-353 Diction Singrs&Mus Edu Mjrs

Credit Hours
0.5

MUS-355 Film Scoring

Course Description
FILM SCORING PROVIDES STUDENTS WITH THE ABILITY TO ANALYZE ELEMENTS WITHIN A FILM AND CRAFT A VARIETY OF MUSICAL CUES TO ACCOMPANY THE FILM BASED ON SPECIFIC GENRES, HISTORICAL PERIODS, AND OTHER CRITERIA. STUDENTS WILL DEVELOP THEMATIC MATERIAL AND RECORD THEIR OWN SOUND EFFECTS WHILE MASTERING AUDIO/VISUAL SEQUENCING SOFTWARE. PREREQUISITE: MUS 290.

Credit Hours
1

MUS-362 Instrumental & Choral Ensembles

Course Description
A comprehensive approach to instrumental and choral ensemble programs in schools prefaced by a professional dialogue for public school teaching. Materials and methods for beginning, intermediate and advanced ensembles will be explored, as well as techniques for teaching diverse students, differentiating instruction and creating a positive learning environment. Prerequisite: MUS 150; MUS 362 is recommended during the fall term prior to student teaching.

Credit Hours
1

MUS-364 GretschElctrcGuitar Ens

Credit Hours
0.25

MUS-366 Teaching PreK-12 Classroom Music

Credit Hours
1

MUS-367 Opera Scenes

Course Description
This performance oriented class is designed to increase basic knowledge and methods of preparation for stage performance of scenes from operas. Prerequisite: AMV 102 or permission of instructor.

Credit Hours
1

MUS-369 Conducting I

Course Description
Half course A beginning approach to both choral and instrumental conducting including basic skills in baton technique, score reading and rehearsal techniques. Students study and program professional literature as well as participate extensively with class recordings.

Credit Hours
0.5

MUS-370 Conducting II

Course Description
Half course An advanced course highlighting difficult levels of instrumental and choral score analysis, transposition, ear training and musical motor skills.

Credit Hours
0.5

MUS-372 Philharmonic Orchestra

Course Description
The Philharmonic Orchestra is an ensemble that provides string, woodwind, brass, and percussion players the opportunity to perform in an orchestra setting. Standard and contemporary literature from orchestral repertoire is performed. This ensemble performs formal concerts both on and off campus, and is open to all students and community members. Fulfills music major ensemble requirement. Prerequisite: audition and consent of instructor, Taka Matsunaga.

Credit Hours
0.25

MUS-374 Percussion Ensemble

Course Description
Quarter course or non-credit Study and performance of literature for percussion instruments. Does not fulfill music major ensemble requirement. Prerequisite: consent of instructor. Repeatble for credit.

Credit Hours
0.25

MUS-376 College Choir

Course Description
Quarter course or non-credit Study and public performance of all styles of choral literature. Fulfills music major ensemble requirement. Prerequisite: audition and consent of instructor. Repeatble for credit.

Credit Hours
0.25

MUS-378 Wind Ensemble

Course Description
The Wind Ensemble is comprised of members who have attained the highest level of proficiency on their instruments. Performing suitable repertoire, the ensemble's performances include two/three concerts and a tour each term. Fulfills music major ensemble requirement. Prerequisite: audition and consent of the instructor. Repeatable for credit.

Credit Hours
0.25

MUS-386 Jazz Band

Course Description
Quarter course or non-credit. This group has made numerous tours of both Eastern and Western Europe, twice at the invitation of the U.S. State Department. The band appears frequently with well-known jazz artists such as Dee Dee Bridgewater, Bobby Shew, Patti Austin, Clark Terry, and Randy Brecker. The band has also commissioned works from respected jazz composers Bill Holman and Alan Broadbent. Fulfills the music major ensemble requirement after four terms of choir, concert band, or orchestra have been fulfilled. Repeatable for credit.

Credit Hours
0.25

MUS-388 Vocal Jazz Ensemble LN Blue

Course Description
Quarter course or non-credit Study and performance of vocal jazz literature. Does not fulfill music major ensemble requirement. Repeatable for credit.

Credit Hours
0.25

MUS-389 Conducting III

Course Description
This course provides advanced rehearsal techniques for music education majors and students projecting a career in professional conducting. Allows students to receive prestudent teaching hours as well as professional development in conducting to directly apply knowledge from previous conducting classes. Prerequisites: MUS 369, 370 and consent of the instructor. May be repeated for credit.

Credit Hours
0.5

MUS-394 American Popular Music

Course Description
American Popular Music explores a unique combination of cultural and social history through analytical study of popular musical. The genres explored will include pop, R&B, rock, hip-hop, country, and blues. Students will listen to and watch performances of influential artists and genres, understand their place in history, and learn about their lasting impact on popular music and culture. Students will engage with existing research and will create their own independent analysis exploring various aspects of popular music including the role of technology, gender, race, and music business.

Credit Hours
1

MUS-395 Special Studies in Music Theory

Course Description
Detailed investigation of topics of special interest in music theory such as counterpoint or form. May be repeated for credit. Prerequisite:MUS 236 or consent of instructor.

Credit Hours
1

MUS-396 Special Studies in Music History

Course Description
Detailed investigation of periods or topics of special interest in music history and literature. May be repeated for credit. Prerequisite: MUS 235 or consent of instructor. Fall Term.

Credit Hours
1

MUS-397 Electronic Music and Sound Design

Course Description
This course provides students with the theoretical principles of sound synthesis and sound design by means of algorithmic digital signal processing. Students will use a graphical programming environment with audio extensions (Max/MSP) to synthesize or capture sound, and manipulate various features of that sound in real time. Topics include; additive and subtractive synthesis, frequency and amplitude modulation, capturing and sampling audio, delay techniques, ADSR envelopes, panning and spatial location, MIDI, timing of events, interactive control interfaces, and more. Students are required to own a personal laptop computer (Mac or Windows) with USB connectivity, a built-in microphone and webcam, and audio headphones or earbuds.

Credit Hours
1

MUS-430 Jazz Improvisation I

Course Description
A detailed study of the art of jazz improvisation that includes both analysis and performance. Areas of focus will include melody, song form, key area indentification and scale application. Melodies studied will include selections from basic jazz repertoire including modes, blues and major key areas. Prerequisites: MUS 120, 121 or consent of instructor. Fall Term.

Credit Hours
1

MUS-431 Jazz Improvisation II

Course Description
Continuation of MUS 230. A detailed study of the art of jazz improvisation that includes analysis and daily class performance. Areas of focus to include melody, song form, key area indentification and scale application. Melodies studied will

include selections from basic jazz repertoire, and harmonies that consist of minor key areas and more advanced chord progressions. Prerequisites: MUS 120, 121, 230 or consent of instructor. Spring Term.

Credit Hours
1

MUS-457 Student Teaching in Music

Credit Hours
3

MUS-467 Opera Scenes

Course Description
This performance oriented class is designed to increase basic knowledge and methods of preparation for stage performance of scenes from operas. Prerequisite: AMV 102 or permission of instructor.

Credit Hours
1

MUS-468 Internship:Capstone

Credit Hours
1.5

MUS-492 Independent Study

Course Description
Half or full course Composition, directed reading, or further study for music majors who show evidence of mature interest in aspects of music not available in other courses. The subject of the study or research must be approved by the chair of the department. Outstanding written or recorded evidence of the project undertaken must be presented.

Credit Hours
0.5

MUS-495 Honors Independent Research

Course Description
Half course This course affords Honors Program students the opportunity to design and implement a significant research project in the field of music culminating in an appropriate public dissemination of the research methods and findings. This course must be taken concurrently with another 300-400 course in the major or minor, facilitating faculty supervision and guidance. Permission of the faculty supervisor and the Director of the Honors Program required prior to registration. Fall Term, January Term, Spring Term, Summer Term.

Credit Hours
0.5

NME-500 Epidemiology/Biostatistics

Course Description
Examines epidemiological and statistical knowledge and skills that are foundational for an advanced nursing role. Concepts essential for evidenced based practice and clinical prevention and population health are addressed.

Credit Hours
0.75

NME-503 Rsrch&Evidence Base Practice

Course Description
Provides the foundation for evidence based decision making in the advanced role of clinical nurse leader. Knowledge of research design and essential competencies related to research in professional nursing are developed. Retrieval and systematic appraisal of evidence and the application of evidence to foster change and achieve optimal outcomes in nursing practice are addressed.

Credit Hours
0.75

NME-504 CNL Role:PatientCenterCare,Quality&Safe

Course Description
Examines the mandates to address issues of quality and safety in health care delivery systems. Knowledge, skills and attitudes for the clinical nurse leader role of provider and designer of direct care across the care continuum are the focus. Advocacy and accountability for safe, quality, patient centered care within standards of nursing practice are stressed. Prerequisite: NME 501.

Credit Hours
0.5

NME-509 ChronicHlthAlteratns/Lifespn

Course Description
Patient centered nursing care for select chronic health alterations is examined. The professional roles of provider and designer of nursing care using an evidence based approach are developed. Clincal practicum builds on previous knowledge, skills and attitudes and provides opportunity for application of course concepts in a variety of health care systems.

Credit Hours
1

NME-510 AcuteHlthAlteratns/Lifespan

Course Description
Patient centered nursing care for select acute health alterations is examined. The professional roles of provider and designer of nursing care using an evidence based approach are developed. Clinical practicum builds on previous knowledge, skills and attitudes and provides opportunity for application of course concepts in a variety of health care systems.

Credit Hours
1

NME-513 Family Health

Course Description
Patient and family centered nursing care for select conditions and health alterations specific to reproductive-age women, newborns, children, and families across the health-illness continuum are examined. The professional roles of provider and designer/manager/coordinator of nursing care using an evidence based approach are developed. Clinical practicum builds on previous knowledge, skills and attitudes and provides opportunity for application and synthesis of course concepts in a variety of health care systems.

Credit Hours
1

NME-513L Family Health-Lab

Credit Hours
0

NME-514 Mental Health

Course Description
Patient and family centered nursing care for select psychiatric/mental health conditions across the health-illness continuum are examined. The professional roles of provider and designer/manager/coordinator of nursing care using an evidence based approach are developed. Clinical practicum builds on previous knowledge, skills and attitudes and provides opportunity for application of course concepts in a variety of health care systems. Clinical practicum builds on previous knowledge, skills and attitudes and provides opportunity for application and synthesis of course concepts in a variety of health care systems.

Credit Hours
1

NME-514L Mental Health-Lab

Credit Hours
0

NME-523 Leadership in Systems/Org

Course Description
Focuses on the leadership role of the professional nurse as a clinical nurse leader. Role transition is supported by examination of the front-line clinical competencies of nursing leadership, clinical outcomes management, and care environment management at the microsystem level. Integration of systems theory, change theory, leadership and management theories, and social responsibility in professional nursing practice are emphasized. Organizational, economic, regulatory and interpersonal factors that impact nursing practice are explored. Skills in coordination, delegation, management, and utilization of resources are addressed. Students analyze essential patient advocacy and education competencies to ensure delivery of quality care as a professional nurse.

Credit Hours
0.75

NME-524 CNL Role:TransAdv Prof Pract

Course Description
Focuses on transition of the graduate for entry into the profession as a Clinical Nurse Leader (CNL). Emphasis is placed on clinical reasoning and ethical principles needed for professional nursing practice. Structured to examine preparation for NCLEX, CNL certification and CNL role implementation. Prerequisite: Concurrent enrollment in NME 540

Credit Hours
0.5

NME-525 Informatics & Technology

Course Description
Focuses on the relationship of information systems and management of data to delivery of quality, cost effective, evidence based care. Knowledge and skills in informatics and healthcare technology for effective communication and coordination of care within the health care team are examined. Legal, ethical, economic and sociocultural factors that affect information technology are explored. Prerequisite: NME 501.

Credit Hours
0.75

NME-538 Mgt of Clinical Outcomes

Course Description
Focuses on management of outcomes for individuals and populations. Health care systems are analyzed at the point of care to anticipate client risk, identify patterns of problem occurrence, target areas in need of intervention and examine cost. Skills are developed in microsystem assessment and the use of information systems and technology. Outcomes related to quality, risk, and cost are reviewed in relationship to benchmarks. Recommendations for changes in practice for optimal outcomes are explored.

Credit Hours
0.75

NME-540 Clinical Nurse Leader Residency

Course Description
Designed as a capstone experience to synthesize knowledge and skills of professional nursing practice developed through the program and integration of the clinical nurse leader role. Focuses on clinical leadership in lateral integration of care at the point of care to promote optimal outcomes. Residency is a precepted clinical immersion experience. Residency supports implementation of clinical nurse leader role functions including advocate, health professional, team manager, information manager, system analysis/risk anticipator, clinician, outcomes manager, and educator. Designated clinical faculty maintain frequent communication with students and assume responsibility for assessment and evaluation of student clinical experiences and competencies. Students complete 420 clinical hours. Prerequisites: All core and advanced competence courses, and consent of the program director.

Credit Hours
1.75

NMT-390 Clinical Nuclear Medicine Procedures

Course Description
This course provides students with the theory and techniques of clinical procedures used in nuclear medicine imaging. Areas of emphasis include patient care, imaging techniques, use and identification of radiopharmaceuticals, adjunct pharmaceuticals and computer post-processing techniques. The course will include imaging techniques for general nuclear medicine, nuclear cardiology, PET/CT and bone mineral density.

Credit Hours
1

NMT-391 Radionuclide Chemistry & Radiopharmacy

Course Description
This course provides a study of the chemical, physical and biological properties of radiopharmaceuticals used in diagnosis and therapy. Emphasis will be placed on the production, preparation and calculation of radiopharmaceuticals including quality control and radiation safety.

Credit Hours
0.75

NMT-392 Radiation Biology

Course Description
This course provides fundamental knowledge of the effects of radiation exposure on biologic systems. Emphasis is placed on the radiation interaction on a cellular level, including the formation of free radicals, chromosome breakage, and repair mechanisms. Cell survival curves, acute radiation syndromes, somatic and genetic effects, and in utero exposure will also be presented

Credit Hours
0.25

NMT-393 ClinclCorrelatn:Pathology

Course Description
This is a hybrid course that introduces the student to the science of pathology. The basic principles of pathology will be presented with an emphasis on understanding the mechanism of development of the disease process. Cellular adaptation, inflammation, immunology, body systems, and neoplasia will be presented

Credit Hours
0.5

NMT-394 DiagNuclear ImagngPracticum I

Course Description
This course allows for students to perform a wide variety of nuclear medicine procedures, including in-vivo, in-vitro, diagnostic and therapeutic treatments in multiple clinical settings under direct supervision of qualified medical professionals. Within this course students will develop clinical competence in nuclear medicine procedures, computed tomography procedures, radiopharmacy techniques, radiation safety techniques and imaging analysis.

Credit Hours
1

NMT-395 Radiation Safety and Protection

Course Description
The purpose of this course is to provide students with information regarding institutional, state, and federal regulations regarding radiation exposure, disposal of sources, and radiation-producing equipment. Topics covered in this course include: public and occupational dose limits, radiation detection, and radioactivity. Principles of ALARA and reducing radiation exposure will be emphasized throughout.

Credit Hours
0.5

NMT-396 Radiation Detection & Instrumentation

Course Description
This course evaluates the maintenance and function of instrumentation used in nuclear imaging and in the laboratory. This course exclusively covers SPECT, SPECT/CT, PET and PET/CT operations and performance. Different types of quality assurance for these systems is covered especially flood field uniformity, bar phantom imaging, resolution, sensitivity, linearity, scatter determination, dead time corrections and CT attenuation accuracy. Emphasis is placed on the operation and maintenance of computer hardware. The course also evaluates data collection, analysis and processing used in clinical imaging.

Credit Hours
0.75

NMT-397 CompTomogrphy&Cross-SectAnat

Course Description
This course introduces the fundamental concepts and principles of computed tomography (CT) technology and its role in medical imaging. Content within the course will cover equipment, instrumentation, data acquisition, image processing, reconstruction and image quality of computed tomography. Emphasis of the course will be placed on patient considerations, safety and radiation protection. Students will also learn to identify anatomical structures in cross sectional anatomy of the head, neck, thorax, abdomen and pelvis.

Credit Hours
0.5

NMT-398 Management & Methods of Patient Care

Course Description
This course introduces students to concepts and applications centering patient care, such as body mechanics, phlebotomy, vital signs and other basic healthcare needs. Focus is placed on basic measures necessary to provide quality patient care. This course will also cover medical ethics and medical and legal considerations within healthcare. Students will also have the opportunity to participate in written and oral research projects related to Nuclear Medicine Technology.

Credit Hours
0.75

NMT-399 Radiation Physics & Instrumentation

Course Description
This course provides a study of atomic and nuclear structure, radioactive decay modes, mathematics of decay, production of electromagnetic and charged particles, and interaction of ionizing radiation with matter. The course will also introduce students to different types of radiation detectors, such as gas filled, scintillation and semiconductors.

Credit Hours
0.75

NMT-400 Diagnostic Nuclear Imaging Practicum II

Course Description
This course allows for students to perform a wide variety of nuclear medicine procedures, including in-vivo, in-vitro, diagnostic and therapeutic treatments in multiple clinical settings under direct supervision of qualified medical professionals. Within this course students will develop clinical competence in nuclear medicine procedures, computed tomography procedures, radiopharmacy techniques, radiation safety techniques and imaging analysis.

Credit Hours
1

NMT-402 Mgt&Mthds Patient Care II

Course Description
This course introduces students to concepts and applications centering patient care, such as body mechanics, phlebotomy, vital signs and other basic healthcare needs. Focus is placed on basic measures necessary to provide quality patient care. This course will also cover medical ethics and medical and legal considerations within healthcare. Emphasis will also be applied to various allied health operational issues such as accreditation, billing, and reimbursement. Students will also have the opportunity to participate in written and oral research projects related to Nuclear Medicine Technology.

Credit Hours
0.25

NMT-403 Medical Terminology-NMT

Course Description
This online, self-directed course is designed to introduce students to medical terminology. Students will learn anatomical terms, the study of root words, prefixes and suffixes within medical vocabulary. The course provides students the medical terminology associated with the different body systems, radiology and laboratory procedures.

Credit Hours
0.25

NMT-408 Nuclear Medicine Seminar

Course Description
This course provides students with the mechanics needed to develop a resume, prepare for an interview and participate in mock interviews. Students will also develop and master their presentation skills through nuclear medicine technology research. Also, an emphasis will be applied to various allied health operational issues such as accreditation, billing and reimbursement. The course will also prepare students for the certification exam in Nuclear Medicine. Students will have a structured board review with a series of lectures, comprehensive examinations and test taking strategies.

Credit Hours
0.25

NRS-300 Health Assessment

Course Description
Focuses on use of theories, principles and processes to develop skills in interviewing, history taking and physical examination. Relevance of assessment for decision making in the practice of professional nursing is examined. A systematic approach for health assessment of diverse patients across the life span is emphasized. Ethical issues of privacy, confidentiality and cultural sensitivity are addressed. Includes laboratory experience. Lab fees apply.

Credit Hours
0.75

NRS-300A Health Assessment

Course Description
Focuses on use of theories, principles and processes to develop skills in interviewing, history taking and physical examination. Relevance of assessment for decision making in the practice of professional nursing is examined. A systematic approach for health assessment of diverse patients across the life span is emphasized. Ethical issues of privacy, confidentiality and cultural sensitivity are addressed. Includes laboratory experience. Lab fees apply.

Credit Hours
0.75

NRS-300L Health Assessment - Lab

Credit Hours
0

NRS-303 Cncptl Basis Prof Nrsg Pract

Course Description
Focuses on the conceptual basis for professional nursing. Emphasizes the role of the baccalaureate nurse as a leader, ethical practitioner and a member of a profession. Introduces frameworks for critical thinking and decision making. Students are introduced to the department's systems framework and have opportunities to discuss the mission, standards and program outcomes. Prerequisites: admission tovbaccalaureate nursing program.

Credit Hours
0.5

NRS-303A Cncptl Basis Prof Nrsg Pract

Course Description
Focuses on the conceptual basis for professional nursing. Emphasizes the role of the baccalaureate nurse as a leader, an ethical practitioner and a member of a profession. Introduces frameworks for critical thinking and decision making. Students are introduced to the department's systems framework and have opportunities to discuss the mission, standards and program outcomes. Prerequisites: Admission to accellerated bachelor of science nursing program.

Credit Hours
0.5

NRS-308 Foundatns for Prof Nrsg Prac

Course Description
Focuses on theories, principles, and processes which are foundational for professional nursing practice. Within a systems framework, basic health needs, safety, comfort, pharmacology and ethical practice are discussed. Basic skills for select nursing interventions are emphasized. Provider of care role, including beginning decision-making and clinical judgement skills, are fostered with experiences in skills laboratory and supervised clinical practicum in varied clinical settings. Laboratory fees may apply. Prerequisites: admission to the clinical nursing sequences. Pre/Corequisite:NRS 300, NRS 303 and NRS 321.

Credit Hours
1

NRS-308A Foundatns for Prof Nrsg Prac

Course Description
Focuses on theories, principles, and processes which are foundational for professional nursing practice. Within a systems framework, basic health needs, safety, comfort, pharmacology and ethical practice are discussed. Basic skills for select nursing interventions are emphasized. Provider of care role, including beginning decision-making and clinical judgement skills, are fostered with experiences in skills laboratory and supervised clinical practicum in varied clinical settings. Laboratory fees may apply. Prerequisites: admission to the accelerated clinical nursing sequences. Pre/Corequisite: NRS 300, NRS 303 and NRS 321.

Credit Hours
1

NRS-308L Foundatns Prof Nrs Pract-Lab

Credit Hours
0

NRS-309 Adult Health Nursing I

Course Description
Focuses on theories, principles and processes for adult populations experiencing common health problems within priority areas of care. Emphasis is on nursing care of the older adult. A systems framework is used to discuss clinical prevention and patient-centered care for select chronic care issues, including end of life. Introduces methods for evidence-based decision making to support role of provider of care. Beginning leadership skills and ethical practice in promoting optimal care outcomes in acute and community-based systems are fostered. Includes supervised laboratory experiences and clinical practicum. Lab fees apply. Prerequisite: NRS 308. Pre/Corequisites: NRS 300, NRS 303, NRS 321.

Credit Hours
1

NRS-309A Adult Health I

Course Description
Focuses on theories, principles and processes for adult populations experiencing common health problems within priority areas of care. Emphasis is on nursing care of the older adult. A systems framework is used to discuss clinical prevention and patient-centered care for select chronic care issues, including end of life. Introduces methods for evidence based decision making to support role of provider of care. Beginning leadership skills and ethical practice in promoting optimal care outcomes in acute and community-based systems are fostered. Includes supervised laboratory experiences and clinical practicum. Lab fees apply. Prerequisite: NRS 308. Pre/Corequisites: NRS 300, NRS 303, NRS 321.

Credit Hours
1

NRS-309C NRS308/309 Clinical

Credit Hours
0

NRS-309H Adult Health I Clinical

Credit Hours
0

NRS-309M Adult Health Nursing I

Course Description
Focuses on theories, principles and processes for adult populations experiencing common health problems within priority areas of care. Emphasis is on nursing care of the older adult. A systems framework is used to discuss clinical prevention and patient-centered care for select chronic care issues, including end of life. Introduces methods for evidence-based decision making to support role of provider of care. Beginning leadership skills and ethical practice in promoting optimal care outcomes in acute and community-based systems are fostered. Includes supervised laboratory experiences and clinical practicum. Lab fees apply. Prerequisite: NRS 308. Pre/Corequisites: NRS 300, NRS 303, NRS 321.

Credit Hours
1

NRS-315 Adult Health Nursing II

Course Description
Focuses on theories, principles and processes for care of adults from diverse populations experiencing select acute, chronic, and complex health problems. A systems framework facilitates integration of knowledge from previous nursing and science courses. The roles of provider and designer of nursing care are developed. Application of evidence-based methods for use in decision-making

support basic leadership skills and ethical practice in promoting optimal outcomes. Includes a supervised clinical practicum in a variety of settings. Laboratory fees may apply. Prerequisites: NRS 300, NRS 303, NRS 308, NRS 309 and NRS 321.

Credit Hours
1

NRS-315A Adult Health II

Course Description
Focuses on theories, principles and processes for care of adults from diverse populations experiencing select acute, chronic and complex health problems. A systems framework facilitates integration of knowledge from previous nursing and science courses. The roles of provider and designer of nursing care are developed. Application of evidence-based methods for use in decision-making support basic leadership skills and ethical practice in promoting optimal outcomes. Includes a supervised clinical practicum in a variety of settings. Lab fees apply. Prerequisites: NRS 300, NRS 303, NRS 308, NRS 309 and NRS 321.

Credit Hours
1

NRS-315C NRS 315 Clinical

Credit Hours
0

NRS-315H Adult Health II Clinical

Credit Hours
0

NRS-315L Adult Health Nrsng II - Lab

Credit Hours
0

NRS-316 Family Health: Childrearing

Course Description
Focuses on theories, principles and processes related to care of the child from infancy through adolescence within the context of family. Using a systems framework, delivery of family-focused nursing care emphasizes clinical prevention, health promotion and health restoration. Influences of genetics, environment and social policies on family and child health nursing role are considered. Provider and designer of care roles are developed. Basic leadership skills and ethical practice are fostered in a supervised clinical practicum in a variety of settings. Laboratory fees may apply. Prerequisites: NRS 315, NRS 322, NRS 408 and NRS 410.

Credit Hours
1

NRS-316A Family Health: Childrearing

Course Description
Focuses on theories, principles and processes related to care of the child from infancy through adolescence within the context of family. Using a systems framework, delivery of family-focused nursing care emphasizes clinical prevention, health promotion and health restoration. Influences of genetics, environment and social policies on family and child health nursing role are considered. Provider, designer and manager of care roles are developed. Basic leadership skills and ethical practice are fostered in a supervised clinical practicum in a variety of settings. Lab fees apply. Prerequisites: NRS 315, NRS 322, NRS 408 and NRS 410.

Credit Hours
1

NRS-316C NRS 316 Clinical

Credit Hours
0

NRS-316H NRS 316 Clinical

Credit Hours
0

NRS-320 CncptsProfessionlNrsPractice

Course Description
Focuses on the frameworks, dimensions and the themes of professional nursing practice. Designed for the registered nurse who is pursuing a baccalaureate degree, this course will enable the student to broaden his/her own perspective of the professional nursing role and communicate that role to other members of the healthcare team. Prerequisite: admission to RN/BS degree- completion option or the RN-MSN entry option

Credit Hours
1

NRS-321 PathophysiologyPharmacology I

Course Description
This course is the first of two courses with integrated content of pathophsyiology and pharmacology. Focuses on etiology, pathogenesis, clinical presentation, and pharmacotherapy of common disease processes across the life span. Principles of pharmacokinetics and pharmacodynamics are used to discuss major drug classifications, including indications, actions, interactions and side effects. A case study model is used to integrate pathophysiology and pharmacology using current evidence for clinical application. The content will be aligned with the associated clinical courses. Prerequisite: Admission to the baccalaureare nursing program.

Credit Hours
0.75

NRS-321A PathophysiologyPharmacology I

Course Description
This course is the first of two courses with integrated content of pathophsyiology and pharmacology. Focuses on etiology, pathogenesis, clinical presentation, and pharmacotherapy of common disease processes across the life span. Principles of pharmacokinetics and pharmacodynamics are used to discuss major drug classifications, including indications, actions, interactions and side effects. A case study model is used to integrate pathophysiology and pharmacology using current evidence for clinical application. The content will be aligned with the associated clinical courses. Prerequisite: Admission to the baccalaureare nursing program.

Credit Hours
0.75

NRS-322 PathophysiologyPharmacologyII

Course Description
This course is the second of two courses with integrated content of pathophsyiology and pharmacology. Focuses on etiology, pathogenesis, clinical presentation, and pharmacotherapy of more complicated disease processes across the life span. Principles of pharmacokinetics and pharmacodynamics are used to discuss major drug classifications, including indications, actions, interactions and side effects. A case study model is used to integrate pathophysiology and pharmacology using current evidence for clinical application. The content will be aligned with thE associated clinical courses. Prerequisite: NRS 300, NRS 303, NRS 308, NRS 309 and NRS 321.

Credit Hours
0.75

NRS-322A PathophysiologyPharmacologyII

Course Description
This course is the second of two courses with integrated content of pathophsyiology and pharmacology. Focuses on etiology, pathogenesis, clinical presentation, and pharmacotherapy of more complicated disease processes across the life span. Principles of pharmacokinetics and pharmacodynamics are used to discuss major drug classifications, including indications, actions, interactions and side effects. A case study model is used to integrate pathophysiology and pharmacology using current evidence for clinical application. The content will be aligned with thE associated clinical courses. Prerequisite: NRS 300, NRS 303, NRS 308, NRS 309 and NRS 321.

Credit Hours
0.75

NRS-323 Patho-Pharm For Registered Nurses

Course Description
Focuses on etiology, pathogenesis, clinical presentation and pharmacotherapy of select exemplars of major disease processes across the life span. Principles of pharmacokinetics and pharmacodynamics are used to discuss major drug classifications associated with the exemplars. Current evidence for clinical application in the workplace is integrated throughout the course. Designed for the registered nurse pursuing a baccalaureate degree. Prerequisite: admission to RN-BSN degree-completion program.

Credit Hours
1

NRS-403 Leadrshp & Mgt Hlthcare Org

Course Description
Focuses on theories, principles and processes for organizational leadership and management in professional nursing practice. Provides an overview of organizational systems, health care policies and influence of global health care systems on health care in the United States. The role of the baccalaureate nurse in planning, promoting and evaluating health care quality, safety and effectiveness is examined. Addresses concepts of advocacy, change, finance, delegation, teamwork, conflict, information management and interprofessional practice. Prerequisites: NRS 315, NRS 322, NRS 408 and NRS 410.

Credit Hours
1

NRS-403A Leadrshp & Mgt Hlthcare Org

Course Description
Focuses on theories, principles and processes for organizational leadership and management in professional nursing practice. Provides an overview of organizational systems, health care policies and influence of global health care systems on health care in the United States. The role of the baccalaureate nurse in planning, promoting and evaluating health care quality, safety and effectiveness is examined. Addresses concepts of advocacy, change, finance, delegation, teamwork, conflict, information management and interprofessional practice. Prerequisites: NRS 315, NRS 322, NRS 408 and NRS 410.

Credit Hours
1

NRS-406 Leadership&Management Health Care Org

Course Description
Focuses on theories, principles and processes for organizational leadership and management in professional nursing practice. Provides an overview of organizational systems, health care policies and influence of global health care systems on health care in the United States. The role of the baccalaureate nurse in planning, promoting and evaluating health care quality, safety and effectiveness is examined. Addresses concepts of advocacy, change, finance, delegation, teamwork, conflict, information management and interprofessional practice. Designed for the registered nurse pursuing a baccalaureate degree. Prerequisite: admission to RN-BSN degree-completion program.

Credit Hours
1

NRS-407 Policy,Finance & Legislation

Course Description
Focuses on the theories, processes and relationships among policy, finance and legislation as they relate to professional nursing practice. This course will describe the policy-making process, how health care is financed and the impact that legislation has on the healthcare system as well as nursing practice. The role of advocacy and the importance of political engagement will be emphasized. Prerequisites: NRS 315, NRS 322, NRS 408 and NRS 410.

Credit Hours
0.5

NRS-407A Policy,Finance & Legislation

Course Description
Focuses on the theories, processes and relationships among policy, finance and legislation as they relate to professional nursing practice. This course will describe the policy-making process, how health care is financed and the impact that legislation has on the healthcare system as well as nursing practice. The role of advocacy and the importance of political engagement will be emphasized. Prerequisites: NRS 315, NRS 322, NRS 408 and NRS 410.

Credit Hours
0.5

NRS-408 Mental Health Nursing

Course Description
Focuses on theories, principles and processes related to mental health from early to older adulthood. Using a systems framework, patient- centered care for diverse populations with acute or chronic mental health problems is examined. Professional and legal issues for care of vulnerable populations are examined. Provider and designer of care roles in ethical practice are developed. Basic leadership skills are demonstrated through effective communication, self-awareness, group and team participation, and management of care outcomes in a supervised clinical practicum. Lab fees apply. Prerequisites: NRS 300, NRS 303, NRS 308, NRS 309 and NRS 321.

Credit Hours
1

NRS-408A Mental Health Nursing

Course Description
Focuses on theories, principles and processes related to mental health from early to older adulthood. Using a systems framework, patient- centered care for diverse populations with acute or chronic mental health problems is examined. Professional and legal issues for care of vulnerable populations are examined. Provider and designer of care roles in ethical practice are developed. Basic leadership skills are demonstrated through effective communication, self-awareness, group and team participation, and management of care outcomes in a supervised clinical practicum. Lab fees apply. Prerequisites: NRS 300, NRS 303, NRS 308, NRS 309 and NRS 321.

Credit Hours
1

NRS-408C NRS 408 Clinical

Credit Hours
0

NRS-408H Mental Health Clinical

Credit Hours
0

NRS-409 Family Health Nursing II

Course Description
Focuses on theories, principles and processes related to reproductive health from early to older adulthood within the context of family. Using a systems framework, family-focused patient-centered care addresses perinatal, women's and men's health. Clinical prevention, genomics, and end-of- life issues are examined. Provider, designer and manager-of-care roles in ethical practice with vulnerable pPpulations are developed. Basic leadership skills are demonstrated through values clarification and conflict management in family centered clinical decision making and management of care outcomes in a supervised clinical practicum in a variety of settings. Laboratory fees may apply. Prerequisites: NRS 315, NRS 322, NRS 408 and NRS 410.

Credit Hours
1

NRS-409A Family Health Nursing II

Course Description
Focuses on theories, principles and processes related to reproductive health from early to older adulthood within the context of family. Using a systems framework, family-focused patient-centered care addresses perinatal, women's and men's health. Clinical prevention, genomics, and end-of- life issues are examined. Provider, designer and manager-of-care roles in ethical practice with vulnerable pPpulations are developed. Basic leadership skills are demonstrated through values clarification and conflict management in family centered clinical decision making and management of care outcomes in a supervised clinical practicum in a variety of settings. Laboratory fees may apply. Prerequisites: NRS 315, NRS 322, NRS 408 and NRS 410.

Credit Hours
1

NRS-409C NRS 409 Clinical

Credit Hours
0

NRS-409H NRS 409 Clinical

Credit Hours
0

NRS-410 Rsrch&Evdnce-basedPrac:Prof

Course Description
Focuses on theories and principles for use of research and evidence-based processes in professional nursing practice. Skills in search strategies and critical appraisal are emphasized. The relationship between evidence-based practice and information technology in quality care outcomes is analyzed. Prerequisites: NRS 300, NRS 303, MRS 308, NRS 309 and NRS 321.

Credit Hours
1

NRS-410A Rsrch&Evdnce-basedPrac:Prof

Course Description
Focuses on theories and principles for use of research and evidence-based processes in professional nursing practice. Skills in search strategies and critical appraisal are emphasized. The relationship between evidence-based practice and information technology in quality care outcomes is analyzed. Prerequisites: NRS 300, NRS 303, MRS 308, NRS 309 and NRS 321.

Credit Hours
1

NRS-411 Syn:ProfNrs Pract Complx Sys

Course Description
Focuses on synthesis of theories, principles and processes in nursing roles of provider and designer/manager/coordinator of care in complex health care systems. Care for diverse groups of patients with multi-system health problems is addressed. Emphasis is on increasing autonomy and collaborative leadership in interprofessional teams, ethical practice and achievement of safe and quality care outcomes. Includes practice in a supervised clinical practicum. Prerequisites: NRS 403, NRS 407, NRS 316 and NRS 409.

Credit Hours
1.25

NRS-411A Syn:ProfNrs Pract Complx Sys

Course Description
Focuses on synthesis of theories, principles and processes in nursing roles of provider and designer/manager/coordinator of care in complex health care systems. Care for diverse groups of patients with multi-system health problems is addressed. Emphasis is on increasing autonomy and collaborative leadership in interprofessional teams, ethical practice and achievement of safe and quality care outcomes. Includes practice in a supervised clinical practicum. Prerequisites: NRS 403, NRS 407, NRS 316 and NRS 409.

Credit Hours
1.25

NRS-411C NRS 411 Clinical

Credit Hours
0

NRS-411H NRS 411 Clinical

Credit Hours
0

NRS-412 Synthe:Community &Public Health Nursing

Course Description
Focuses on synthesis of theories, principles and processes in the nursing roles of provider and designer/manager/coordinator of care for diverse groups in community systems. Epidemiology, environment, global health and public/social policy are emphasized. Clinical prevention and population health interventions within interprofessional teams supports development of increased autonomy, collaborative leadership and ethical practice. Includes practice in a supervised clinical practicum. Prerequisites: NRS 403, NRS 407, NRS 315 and NRS 409.

Credit Hours
1.25

NRS-412A Synthe:Community &Public Health Nursing

Course Description
Focuses on synthesis of theories, principles and processes in the nursing roles of provider and designer/manager/coordinator of care for diverse groups in community systems. Epidemiology, environment, global health and public/social policy are emphasized. Clinical prevention and population health interventions within interprofessional teams supports development of increased autonomy, collaborative leadership and ethical practice. Includes practice in a supervised clinical practicum. Prerequisites: NRS 403, NRS 407, NRS 315 and NRS 409.

Credit Hours
1.25

NRS-412C NRS 412 Clinical

Credit Hours
0

NRS-412H NRS 412 Clinical

Credit Hours
0

NRS-413 Synthesis:Comm&Public Health Nursing

Course Description
Focuses on synthesis of theories, principles and processes of nursing care for diverse groups in community systems. Epidemiology, environment, global health and public/social policy are emphasized. Clinical prevention and population health interventions within interprofessional teams support development of increased autonomy, collaborative leadership and ethical practice. Designed for the registered nurse pursuing a baccalaureate degree. Includes a clinical component. Prerequisites: NRS 406 and admission to RN-BSN degree completion program.

Credit Hours
1.25

NRS-414 Syn:Ethic&LegalDimnsnProfNrs

Course Description
Focuses on ongoing development of self as a member of the profession of nursing. Issues related to the ethical and legal role of the baccalaureate-prepared professional nurse in the changing healthcare system are discussesd. Emphasis is on accountabilbty for professional and personal behaviors. Prerequisites: NRS 316, NRS 403, NRS 407, NRS 409.

Credit Hours
1

NRS-414A Syn:Ethic&LegalDimnsnProfNrs

Course Description
Focuses on ongoing development of self as a member of the profession of nursing. Issues related to the ethical and legal role of the baccalaureate-prepared professional nurse in the changing healthcare system are discussesd. Emphasis is on accountabilbty for professional and personal behaviors. Prerequisites: NRS 316, NRS 403, NRS 407, NRS 409.

Credit Hours
1

NRS-415 Ethical&Legal DimensionsProfNursingPrac

Course Description
Focuses on continued student development as a member of the profession of nursing. Includes content of ethical decision making, ethical practice and the legal role of the baccalaureate prepared nurse in the changing health care system. Designed for the registered nurse pursuing a baccalaureate degree.

Credit Hours
1

NRS-416 Synthesis:ProfNursingPracComplexSystems

Course Description
Focuses on the synthesis of theories, principles and processes of nursing in complex health systems. Emphasis is on collaborative leadership in inter-professional teams, ethical practice and achievement of safe and quality care outcomes. Designed for the registered nurse pursuing a baccalaureate degree. Includes a clinical component. Prerequisites: NRS 406 and admission to RN-BS degree-completion option.

Credit Hours
1.25

NRS-420 Evidence-BasedPractice&Informatics

Course Description
Focuses on the collection, appraisal, and dissemination of evidence-based strategies for professional nursing practice. Skills in search strategies, critical appraisal, and levels of evidence are examined. Technology to assist critical thinking and presentation in the area of clinical practice, leadership, and scholarship is utilized and evaluated. Prerequisites: admission to RN/BS degree completion option, MTH 345 or MTH 346 or PSY 355 or equivalent.

Credit Hours
1

NRS-421 Policyfinance&manageaspectsclinicnursing

Course Description
Focus is on how healthcare is organized and financed. The role and scope of regulatory agencies are discussed. Students will examine the legislative process and how healthcare policy is developed, changed, and influenced by the professional nurse. Advocacy for vulnerable populations and social justice are also explored. Admission to the RN-BSN degree completion option.

Credit Hours
1

NRS-453 Test Taking Strategies

Course Description
This course focuses on critical thinking and test taking skills essential for the NCLEX-RN examination. A case study approach is used, followed by practice examinations. Stress management and test-taking strategies are emphasized. Credit 0-.5 credits. Course may be repeated, but if taken for zero credit, the repeat must be for at least 0.25 course credits. Course will be required for junior students scoring less than 750 on the Medical-Surgical specialty exam in NRS 315 and senior nursing students scoring less than 800 on the first HESI comprehensive examination.

Credit Hours
0

NRS-453A Test Taking Strategies

Course Description
This course focuses on critical thinking and test taking skills essential for the NCLEX-RN examination. A case study approach is used, followed by practice examinations. Stress management and test-taking strategies are emphasized. Credit 0-.5 credits. Course may be repeated, but if taken for zero credit, the repeat must be for at least 0.25 course credits. Course will be required for junior students scoring <750 on the Medical-Surgical specialty exam in NRS 315 and senior nursing students scoring <800 on the first HESI comprehensive examination.

Credit Hours
0.25

NRS-454 Special Procedures in Nursing

Course Description
Focuses on the pre, intra and post care phases of the special procedures' unit (Gastrointestinal procedures, interventional radiology procedures and cardiac catheterization and vascular procedures). This course includes the study of the roles and responsibilities of the interventional and special procedure patient experiences within the patient care environment, skills in high disinfection/clean/sterile technique (supply preparation, dressing application) preparation and maintenance of optimal client care in the procedure environment and maintenance of safety with the special procedure arena are emphasized. The practicum component (NRS) is associated with the lecture/lab component (NRS).

Credit Hours
0.5

NRS-455 Special Procedures in Nursing Clinical

Course Description
Focuses on the pre, intra and post care phases of the special procedures' unit (Gastro-intestinal procedures, interventional radiology procedures and cardiac catheterization and vascular procedures). This course includes the study of the roles and responsibilities of the interventional and special procedure patient experiences within the patient care environment, skills in high disinfection/clean/sterile technique (supply preparation, dressing application) preparation and maintenance of optimal client care in the procedure environment and maintenance of safety with the special procedure arena are emphasized. The clinical practicum experience includes 60 hours of experience using the preceptor model.

Credit Hours
0.5

NRS-456 Perioperative Nursing

Course Description
Focuses on the intraoperative phase of operating room nursing. This course includes the study of the roles and responsibilities of the perioperative nurse and the patient experiences within the surgical environment. Skills in sterile technique, basic instrumentation and maintenance of safety within the surgical arena are emphasized. Prerequisites: NRS 315, NRS 316 and NRS 410.

Credit Hours
0.25

NRS-457 Perioperative Nursing Clinical

Course Description
This course is the practicum component associated with NRS 456. Focuses on the intra-operative phase of operating room nursing. This course includes the study of the roles and responsibilities of the perioperative nurse and the patient experiences within the surgical environment. Skills in sterile technique, basic instrumentation, and maintenance of safety within the surgical arena areemphasized. Prerequisite: NRS 456.

Credit Hours
0.5

NRS-468 Internship

Course Description
NRS 468 serves as an internship opportunity designed for international nursing students to tieemployment as nursing assistive personnel to academic credit in adherence with F-1 student visaregulations. The course focuses on the application of professional nurse competencies topractice. The Quality and Safety Education for Nurses (QSEN) Institute uses the Institute ofMedicine (IOM) competencies to propose targets for the knowledge, skills, and attitudes to bedeveloped in nursing pre-licensure programs for each competency. This course is repeatable.

Credit Hours
0.25

NRS-492 Independent Study

Course Description
Half or full course An individualized course designed for nursing majors wishing to pursue an intensive program of reading or research. Format to be determined by the nature of the topic, student ability, and the instructor. Prerequisite: approval of the director, DCNE.

Credit Hours
0.5

NRS-495 Honors Independent Research

Course Description
.50 credit/2 semester hours This course gives Honors Program students the opportunity to design and implement a significant research project in the field of nursing culminating in an appropriate public dissemination of the research methods and findings. This course must build upon previous coursework taken within the nursing major, facilitating faculty supervision and guidance. Repeatbale for credit. Permission of thefaculty supervisor and the Director of the Honors Program and the executive director required prior to registration.

Credit Hours
0.5

NRS-501 Theories Nrs&Clinicl Ldrshp

Course Description
Establishes the framework for advanced nursing and the clinical leadership role. Concepts and theories from nursing and related disciplines are examined from a systems perspective. The application of theory in ethical practice is explored to promote optimal outcomes and clinical leadership.

Credit Hours
0.75

NRS-501A Theories in Nrs & Clinical Leadership

Course Description
Establishes the framework for advanced nursing and a clinical leadership role. Concepts, theories and principles from nursing and related disciplines are examined from a systems perspective. The application of theory in ethical practice is explored to promote optimal outcomes and clinical leadership.

Credit Hours
0.75

NRS-502 HlthCareSys:Organizatn,Policy,Finance

Course Description
Examines the environment of health care systems from an organizational and policy framework. Emphasis is placed on the role of health care finance in shaping care delivery systems and clinical practice. Select global, federal and local policy issues affecting nursing and health care systems are explored. Content in this course provides an essential foundation to exercise clinical leadership in health organizations and advocate for diverse populations.

Credit Hours
0.75

NRS-502A Health Care Systems: Organization, Polic

Course Description
Health Care Systems: Organization, Policy and Finance

Credit Hours
0.75

NRS-503 AppldRsrchForClniclLdrshp

Course Description
Provides the foundation for decision making in advanced nursing and clinical leadership based on the best available evidence. Emphasis is placed on generating client centered, problem focused questions that are relevant to practice with populations. Skills and competencies required in informatics, research design and statistical analysis are enhanced. Systematic appraisal of evidence and the application of evidence to foster change and achieve optimal outcomes are addressed. The relationship of the role of a clinical leader in evidence-based, ethical practice is examined. Prerequisites: undergraduate statistics and research courses. (Statistics within past five years or must demonstrate competency)

Credit Hours
0.75

NRS-504 Clincl Prevention & Populatn Based Prac

Course Description
Develops a population based framework for health promotion and disease prevention. Epidemiological principles are examined. Concepts related to health and disease, burden of illness, vulnerable populations and cultural diversity are addressed. Population-based data are analyzed. Application of evidence-based methods in clinical intervention with a select population is examined. Interdisciplinary practice and ethical considerations in health care are explored. Prerequisite: Undergraduate statistics and research courses (statistics within past five years or must demonstrate competency)

Credit Hours
0.75

NRS-507 ProfessPerspectivesNursing I

Course Description
This course examines the role of the clinical nurse leader (CNL) in addressing issues of quality improvement and safety in health care delivery systems. Advocacy and accountability for safe, quality, patient-centered care within standards of nursing practice are stressed.

Credit Hours
0.25

NRS-507A Professional Perspectives in Nursing I

Course Description
This course examines the role of the clinical nurse leader (CNL) in addressing issues of quality improvement and safety in health care delivery systems. Advocacy and accountability for safe, quality, patient-centered care within standards of nursing practice are stressed.

Credit Hours
0.25

NRS-508 Foundatns Profess Nrs Pract

Course Description
Examines knowledge, skills and attitudes essential to professional nursing practice with individulas, families, and populations across the lifespan. Clinical reasoning skills for the professional nursing role are developed using the concepts of quality, safety, evidence-based practice, and patient-centered care within the health-illness continuum. Ethical principles and social determinants of health are introduced as framework for professional nursing practice. Clinical practicum provides opportunity for application of these concepts as a provider of care in a variety of health care systems.

Credit Hours
1

NRS-508A FoundationsforProfessionalNursingPracti

Credit Hours
1

NRS-508C NRS 508 Clinical

Credit Hours
0

NRS-508H Foundatns for Prof Nrs Prac Clinical

Credit Hours
0

NRS-509 Adult Health I

Course Description
Focuses on theories, principles, and processes for the adult population experiencing health problems within priority areas of care. A systems framework is used to discuss clinical prevention and patient centered care for select care issues. Utilize knowledge of illness and disease management to support evidence-based decision making as a provider of direct care. Beginning leadership skills and ethical practice in promoting optimal care outcomes are fostered in an advanced nursing role.

Credit Hours
1

NRS-509A Adult Health I: Alterations Ac

Course Description
Adult Health I: Alterations Across the Lifespan

Credit Hours
1

NRS-509C NRS 509 Clinical

Credit Hours
0

NRS-509H Adult Health I: Alterations Across the L

Course Description
Adult Health I: Alterations Across the Lifespan clinical

Credit Hours
0

NRS-510 Adult Health II

Course Description
Focuses on theories, principles and processes for care the adult population experiencing health problems. A systems framework facilitates integration of knowledge from previous nursing and science courses. Knowledge of illness and disease management to support evidence-based decision-making as a provider of care. Application of critical thinking and clinical judgment supports progressive decision-making in promoting optimal outcomes of the adult population in advanced nursing roles. Clinical leadership for patient care practices and delivery are fostered in the coordination and evaluation of care.

Credit Hours
1

NRS-510A Adult Health Ii: Alterations Across the

Course Description
Adult Health II: Alterations Across the Lifespan

Credit Hours
1

NRS-510C NRS 510 Clinical

Credit Hours
0

NRS-510H Adult Health Ii: Alterations Across the

Course Description
Adult Health II: Alterations Across the Lifespan clinical

Credit Hours
0

NRS-511 Adult Health III: Complex Hlth Altrtns

Course Description
Patient centered nursing care for the management of clients with complex health problems is addressed in the acute setting. Selected complex health alterations are used as the context within concepts of case management, care transition, and discharge planning. Clinical practicum builds on previous knowledge, skills and attitudes and provides opportunity for application and synthesis of course concepts. Emphasis is on increasing leadership, collaboration in inter-professional teams, and ethical practice.

Credit Hours
1

NRS-511A AdltHlthIII:ComplHlthAltAcLS

Course Description
Adult Health III: Complex Health Alterations Across the Lifespan

Credit Hours
1

NRS-511C NRS 511 Clinical

Credit Hours
0

NRS-511H Adult Health Iii: Complex Health Alterat

Course Description
Adult Health III: Complex Health Alterations Across the Lifespan clinical

Credit Hours
0

NRS-512 ClinicalPrevent&Populatn Hlth

Course Description
Individual, community and population centered care using the Clincal Prevention and Population Health Framework is addressed. Clinical principles of teaching, learning and health promotion to design, implement and evaluate health education are examined. Clinical practicum builds on previous knowledge, skills and attitudes and provides opportunity for application and synthesis of course concepts. Professional nursing roles of advocate, clinical leader and educator within an interdisciplinary model are emphasized.

Credit Hours
1

NRS-512A Prevention and Population Heal

Course Description
Prevention and Population Health

Credit Hours
1

NRS-512C NRS 512 Clinical

Credit Hours
0

NRS-512H Clinical Prevention and Population Healt

Course Description
Clinical Prevention and Population Health clinical

Credit Hours
0

NRS-513 Family Health Nursing

Course Description
Patient and family centered nursing care for select conditions and health alterations specific to reproductive-age women, newborns, children, and families across the health-illness continuum are examined. The professional roles of provider and designer/manager/coordinator of nursing care using an evidence-based approach are developed. Clinical practicum builds on previous knowledge, skills and attitudes and provides opportunity for application and synthesis of course concepts in a variety of health care systems.

Credit Hours
1

NRS-513A Family Health Nursing

Credit Hours
1

NRS-513C NRS 513 Clinical OB

Credit Hours
0

NRS-513H Family Health Nursing Clinical

Credit Hours
0

NRS-513P NRS 513 Clinical PEDS

Credit Hours
0

NRS-514 Mental Health Nursing

Course Description
Examines patient and family centered nursing care for select psychiatric/ mental health conditions across the health-illness continuum. Students develop the professional roles of provider and designer/manager/ coordinator of nursing care using an evidence-based approach. Clinical practicum builds on previous knowledge, skills and attitudes and provides opportunity for application of course concepts in a variety of health care systems.

Credit Hours
1

NRS-514A Mental Health Nursing

Credit Hours
1

NRS-514C NRS 514 Clinical

Credit Hours
0

NRS-514H Mental Health Nursing Clinical

Credit Hours
0

NRS-515 ProfessPerspectivesNursing II

Course Description
Examines the clinical nurse leader role in communication and care coordination. Skills in conflict management and team collaboration are explored. Emphasis is placed on leadership in the management of care at the microsystem level.

Credit Hours
0.25

NRS-515A Professional Perspectives in Nursing II

Course Description
Examines the clinical nurse leader role in communication and care coordination. Skills in conflict management and team collaboration are explored. Emphasis is placed on leadership in the management of care at the microsystem level.

Credit Hours
0.25

NRS-516 Family Health Nursing - Childrearing

Course Description
Examines patient and family centered nursing care for select conditions and health alterations specific to children, and families across the health illness continuum. Students develop the professional roles of provider and designer/manager/coordinator of nursing care using an evidence-based approach. Clinical practicum builds on previous knowledge, skills and attitudes and provides opportunity for application and synthesis of course concepts in a variety of health care systems.

Credit Hours
0.75

NRS-516A Family Health Nursing - Childrearing

Course Description
Examines patient and family centered nursing care for select conditions and health alterations specific to children, and families across the health illness continuum. Students develop the professional roles of provider and designer/manager/coordinator of nursing care using an evidence-based approach. Clinical practicum builds on previous knowledge, skills and attitudes and provides opportunity for application and synthesis of course concepts in a variety of health care systems.

Credit Hours
0.75

NRS-516C Family Health Nursing - Childrearing

Course Description
Examines patient and family centered nursing care for select conditions and health alterations specific to children, and families across the health illness continuum. Students develop the professional roles of provider and designer/manager/coordinator of nursing care using an evidence-based approach. Clinical practicum builds on previous knowledge, skills and attitudes and provides opportunity for application and synthesis of course concepts in a variety of health care systems.

Credit Hours
0

NRS-516H Family Health Nursing - Childrearing

Course Description
Examines patient and family centered nursing care for select conditions and health alterations specific to children, and families across the health illness continuum. Students develop the professional roles of provider and designer/manager/coordinator of nursing care using an evidence-based approach. Clinical practicum builds on previous knowledge, skills and attitudes and provides opportunity for application and synthesis of course concepts in a variety of health care systems.

Credit Hours
0

NRS-517 Family Health Nursing: Childbearing

Course Description
Examines patient and family centered nursing care for select conditions and health alterations specific to reproductive-age women, newborns, children, and families across the health illness continuum. Students develop the professional roles of provider and designer/manager/coordinator of nursing care using an evidence-based approach. Clinical practicum builds on previous knowledge, skills and attitudes and provides opportunity for application and synthesis of course concepts in a variety of health care systems.

Credit Hours
0.75

NRS-517A Family Health Nursing: Childbearing

Course Description
Examines patient and family centered nursing care for select conditions and health alterations specific to reproductive-age women, newborns, children, and families across the health illness continuum. Students develop the professional roles of provider and designer/manager/coordinator of nursing care using an evidence-based approach. Clinical practicum builds on previous knowledge, skills and attitudes and provides opportunity for application and synthesis of course concepts in a variety of health care systems.

Credit Hours
0.75

NRS-517C Family Health Nursing: Childbearing

Course Description
Examines patient and family centered nursing care for select conditions and health alterations specific to reproductive-age women, newborns, children, and families across the health illness continuum. Students develop the professional roles of provider and designer/manager/coordinator of nursing care using an evidence-based approach. Clinical practicum builds on previous knowledge, skills and attitudes and provides opportunity for application and synthesis of course concepts in a variety of health care systems.

Credit Hours
0

NRS-517H Family Health Nursing: Childbearing

Course Description
Examines patient and family centered nursing care for select conditions and health alterations specific to reproductive-age women, newborns, children, and families across the health illness continuum. Students develop the professional

roles of provider and designer/manager/coordinator of nursing care using an evidence-based approach. Clinical practicum builds on previous knowledge, skills and attitudes and provides opportunity for application and synthesis of course concepts in a variety of health care systems.

Credit Hours
0

NRS-520 Advanced Health Assessment

Course Description
Focuses on the knowledge that is foundational for clinical decision making in an advanced nursing role. A systematic, patient-centered approach to health assessment across the lifespan is emphasized. Skills in interviewing, history-taking, and physical examination are developed. Lab experiences provide the opportunity to demonstrate advanced assessment skills.

Credit Hours
0.75

NRS-520A Advanced Heatlh Assessment

Credit Hours
0.75

NRS-521 Foundations for Advanced Clinical Role

Course Description
Provides the foundation for practice in an advanced nursing role. Advanced knowledge of health assessment, pathophysiology, and pharmacotherapeutics to support clinical reasoning is developed within an integrated learning model. The scope of content addresses culturally diverse clients across the lifespan, and includes both didactic and laboratory learning experiences. Competency in advanced history taking and physical examination skills is developed. Prerequisites: NRS 501, 502, 503, 504 and 523.

Credit Hours
1

NRS-523 Clinical Leadership Role Development

Course Description
Examines clinical leadership in an advanced nursing role. Theories and skills to facilitate clinical leadership role development within complex systems are analyzed. Differentiation of roles in the health professions, certification and licensure are discussed. Professional role behaviors are examined, including effective communication, interpersonal and group/team skills, advocacy, accountability, and ethical conduct.

Credit Hours
0.5

NRS-524 Practicum: Advanced Clinical Role

Course Description
Focuses on critical thinking and decision making for optimal outcomes with a select population across the care continuum. Evidence-based practice and ethical considerations in care management are analyzed. Communication and collaboration issues in a clinical leadership role are explored. This practicum of 150 clinical hours provides the opportunity for application of and reflection on knowledge from core and select advanced competence courses.

Credit Hours
0.75

NRS-524C NRS 524 Clinical

Credit Hours
0

NRS-525 Adv Pathophysiology

Course Description
Provides the scientific foundation for practice in an advanced nursing role. Focuses on etiology, pathogenesis and clinical presentation of common disease processes across the life span. This course provides the scientific rationale for clinical decision making and care management.

Credit Hours
0.75

NRS-525A Advanced Pathophysiology

Credit Hours
0.75

NRS-526 Advanced Pharmacology

Course Description
Focuses on major drug classifications, including indications, actions, interactions and side effects. Principles of pharmacokinetics and pharmacodynamics provide the foundation for an evidence-based, patient centered approach to clinical decision making and care management across the lifespan. Includes selected clinical applications of advanced pharmacology with related pathophysiology using a care study model.

Credit Hours
0.75

NRS-526A Advanced Pharmacology

Credit Hours
0.75

NRS-527 Epidemiology/Biostatistics

Course Description
Examines epidemiological and statistical knowledge and skills that are foundational for an advanced nursing role. Concepts essential for evidenced based practice and clinical prevention and population health are addressed.

Credit Hours
0.75

NRS-527A Epidemiology and Biostatistics

Credit Hours
0.75

NRS-528 Rsrch&Evidence Base Practice

Course Description
Provides the foundation for evidence based decision making in the advanced role of clinical nurse leader. Knowledge of research design and essential competencies related to research in professional nursing are developed. Retrieval and systematic appraisal of evidence and the application of evidence to foster change and achieve optimal outcomes in nursing practice are addressed.

Credit Hours
0.75

NRS-528A Research and Evidence-Based Practice

Credit Hours
0.75

NRS-530 Prof Perspectives Nursing III

Course Description
Focuses on transition of the graduate for entry into the profession in the advanced nursing role. Emphasis is placed on clinical reasoning and ethical principles needed for professional nursing practice. Structured to provide comprehensive review preparation for licensure and certification exams demonstrating synthesis of knowledge from the program curriculum. Co-requisite: NRS 540

Credit Hours
0.75

NRS-530A Professional Perspectives in Nursing III

Credit Hours
0.75

NRS-531 Leadership in Systems/Org

Course Description
Focuses on the leadership role of the professional nurse as a clinical nurse leader. Role transition is supported by examination of the front-line clinical competencies of nursing leadership, clinical outcomes management, and care environment management at the microsystem level. Integration of systems theory, change theory, leadership and management theories, and social responsibility in professional nursing practice are emphasized. Organizational, economic, regulatory and interpersonal factors that impact nursing practice are explored. Skills in coordination, delegation, management, and utilization of resources are addressed. Students analyze essential patient advocacy and education competencies to ensure delivery of quality care as a professional nurse. Coreq: NRS540.

Credit Hours
0.75

NRS-531A Leadership in Systems and Organizations

Course Description
Focuses on the leadership role of the professional nurse as a clinical nurse leader. Role transition is supported by examination of the front-line clinical competencies of nursing leadership, clinical outcomes management, and care environment management at the microsystem level. Integration of systems and change theory, leadership and management theories, and social responsibility in professional nursing practice is emphasized. Organizational, economic, regulatory, and interpersonal factors that impact nursing practice are explored. Skills in coordination, delegation, management, and utilization of resources are addressed. Students analyze essential patient advocacy and education competencies to ensure delivery of quality care. Prerequisite: Concurrent enrollment with NRS 540.

Credit Hours
0.75

NRS-532 Healthcare Tech and Infor Management

Course Description
The course focuses on the effective and efficient use of technology to identify, collect, process and manage healthcare information to support quality and safety in professional healthcare practice in the advanced nursing role. Builds on concepts of technology-based health applications and the use of genetics and genomics which support evidence-based practice and patient-centered care and the exploration of ethical and legal areas of concern within a variety of healthcare settings. Dual Listed with NRS 704.

Credit Hours
0.75

NRS-532A Healthcare Tech and Info Management

Course Description
The course focuses on the effective and efficient use of technology to identify, collect, process and manage healthcare information to support quality and safety in professional healthcare practice in the advanced nursing role. Builds on concepts of technology-based health applications and the use of genetics and

genomics which support evidence-based practice and patient-centered care and the exploration of ethical and legal areas of concern within a variety of healthcare settings. Dual-listed with NRS 704.

Credit Hours
0.75

NRS-532T TechnologyHealthCareEdu&Pract

Course Description
Keeping consistent with the mission of the DNHS we strive to ensure our graduates are able to contribute within the complex health care systems serving diverse individuals, families and communities. As an advanced competence course, emphasis is on knowledge and skills for teaching, learning and communication technology while examining cultural implications. The international component highlights the use of information and communication technology, the implementation of healthcare education at the point of practice care, and the ability to use communication technology to improve patient outcomes with the global perspective.

Credit Hours
0.75

NRS-533 Curriculum Dev & Eval for Nrs Educators

Course Description
Examines the relationship between curriculum design, course development, and outcomes. Thecontext for curriculum development is explored, including philosophy, communities of interest,and professional stakeholders. The match between learning experiences and achievement ofcurricular outcomes are analyzed. Systematic processes for program evaluation are examined.Standards from external accreditation agencies and ethical and legal issues unique to education,evaluation, and the profession of nursing are discussed.

Credit Hours
0.75

NRS-534 Residency:Clinicl Leadershp Nrs Educ

Course Description
Designed as a capstone experience with opportunities to synthesize the knowledge and skills developed throughout the program. The student is mentored by a master teacher to develop expertise in an educational role in a setting that is an area of interest. Settings include academic nursing programs, secondary and tertiary health care agencies, and community based primary care organizations. Students complete up to 180 clinical hours in this residency. Seminar is structured to explore issues and reflect on role implementation. Prerequisites: all core, advanced competence and concentration courses and consent of the program director; NRS 533 may be taken concurrently.

Credit Hours
0.75

NRS-536 AdvTpc:Administration & Mgt

Course Description
NRS 536 focuses on strategic thinking for implementation of a leadership role in nursing administration. Emphasis is placed on competencies and decision-making related to communication and relationship management; professionalism; leadership; knowledge of the healthcare environment; and business skills and principles.

Credit Hours
0.75

NRS-537 Res:CliniclLeadrshpNrsAdmin

Course Description
Designed as a capstone experience with opportunities to synthesize the knowledge and skills developed throughout the program. Residency is a mentored experience with designated preceptors in sites consistent with the student's practice interest and which support full implementation of a clinical leadership role. Settings include secondary and tertiary health care agencies and community based primary care organizations. Students complete 180 clinical hours in this residency. Seminar is structured to explore issues and reflect on role implementation. Prerequisites: All core, advanced competence, and concentration courses and consent of program director. NRS 536 may be concurrent.

Credit Hours
0.75

NRS-538 Management of Clinical Outcomes

Course Description
Focuses on management of outcomes for individuals and populations. Health care systems are analyzed at the point of care to anticipate client risk, identify patterns of problem occurrence, target areas in need of intervention and examination of cost. Skills are developed in micro-systems assessment and the use of information systems and technology. Outcomes related to quality, risk and cost are reviewed in relationship to benchmarks. Recommendations for changes in practice for optimal outcomes are explored. Prerequisites: NRS 501, 502, 503, 504, and 523.

Credit Hours
0.75

NRS-538A Management of Clinical Outcomes

Credit Hours
0.75

NRS-540 Residency:ClnclLeadership Care Environ

Course Description
Designed as an intensive clinical residency, with opportunities to synthesize the knowledge and skills developed throughout the program. Focuses on clinical leadership in providing lateral integration of care at the point of care to promote optimal outcomes Residency is a mentored experience with designated preceptors in sites consistent with the student's practice interest and which support full implementation of the clinical nurse leader role. Clinical nurse leader role functions include client advocate, health professional, team manager, information manager, system analyse/risk anticipator, clinician, outcomes

manager and educator. Residents complete 360 clinical hours. Seminar is structured to explore issues and reflect on role implementation. Prerequisites: all core and advanced pempetence and consent of the program director.

Credit Hours
1.5

NRS-540A Nurse Leader Residency

Credit Hours
1.5

NRS-540C NRS 540 Clinical

Credit Hours
0

NRS-540H Clinical Nurse Leader Residency

Credit Hours
0

NRS-592 IndSty:

Credit Hours
0.25

NRS-599 Clinical Nurse Internship

Credit Hours
0.25

NRS-701 Introduction to the DNP Role

Course Description
An introduction and exploration of theory, theory development, and the role of the doctoral prepared nurse in the broader healthcare environment. Students will gain an understanding of how knowledge is acquired, the theoretical underpinnings upon which nursing practice is based, and the application of knowledge to practice.

Credit Hours
1

NRS-703 Leadership in Organizations and Systems

Course Description
This course also examines the role of the nurse within the larger context of the health care system. The application of leadership theory and organization theory is used to frame planning and implementation of EBP to improve health outcomes

Credit Hours
1

NRS-704 Healthcare Information Systems

Course Description
Nursing students explore the history of healthcare informatics, current issues, basic informatics concepts, and health information management applications. Prepares students for use of big data and information management systems in the planning and implementation of EPB.

Credit Hours
1

NRS-708 HealthPolicyDevelopment&Implementation

Course Description
This course which explores the interrelationship between policy, ethics, and law and the impact on health systems and clinical practice. Students will identify public and health policy that impact population health and health outcomes. This course offers students the opportunity to explore a variety of approaches to communicating and advocating for policy change.

Credit Hours
0.75

NRS-709 AdvHealthPromotionAcrossDiverseCultures

Course Description
An in-depth focus on identifying, analyzing, and evaluating the key public health issues. Analysis of the impact of social, cultural, and ecological factors of healthcare delivery on various population groups. This course emphasizes the application of socio-cultural diversity as well as the roles of federal, state, and local governments in relation to the core functions of public health and complex health systems

Credit Hours
1

NRS-710 TranslatingEvidenceIntoNursingPractice

Course Description
A focus on methods for developing best practice protocols based on nursing research and evidence-based practice. This course assists students designing protocols and planning on implementation for practice improvement.

Credit Hours
1

NRS-711 Epidemiology

Course Description
Students will study diseases and ill health through their patterns of occurrence in human populations. The course also presents several approaches for estimating the burden of disease and evaluates primary, secondary and tertiary prevention strategies. Knowledge around basic statistics around Epidemiology are also explored.

Credit Hours
0.75

NRS-713 DNP Project Implementation/ Evaluation

Course Description
The culmination of a progressive development in the student?s field of inquiry. This process allows for development of a practice-focused problem, implementation of evidence-based interventions, analysis of data, and dissemination of the final product. This project must meet guidelines for the DNP program.

Credit Hours
0.25

NRS-714 Scholarly Product Dissemination

Course Description
The culmination of a progressive development in the student?s field of inquiry. This process allows for development of a practice-focused problem, implementation of evidence-based interventions, analysis of data, dissemination including manuscript preparation of the final DNP project, and program completion examination.

Credit Hours
0.75

NRS-MTH Nursing Majors & Math Requirement

Credit Hours
1

NSO-110 New Student Orientation

Credit Hours
0

PE-202 Individual and Dual Sports

Course Description
A course designed to provide an understanding of basic concepts and strategies, skill development, and to foster an appreciation of benefits derived from the participation in individual and dual sports. Fall Term.

Credit Hours
1

PE-203 Team Sports

Course Description
A course designed to provide an understanding of basic concepts and strategies, skill development, and foster an appreciation of benefits derived from participation in team sports. Fall Term, Spring Term.

Credit Hours
1

PE-230 School Health K-12 Teach Mthd

Course Description
.75 credit A study of comprehensive school health models. Class participants will analyze school health instruction, school health services and maintenance of a healthy school environment. Students will use problem-solving skills to address current health issues pertaining to school-age children. Fall Term.

Credit Hours
0.75

PE-235 Curriculum Design in Phy Educ & Hlth E

Course Description
The study of curriculum issues and curriculum models used in physical education and health education programs in K-12 settings. Provides students with the competencies necessary to design, implement and evaluate physical education and health education programs. Spring Term.

Credit Hours
1

PE-240 Community Health

Course Description
.50 credit An analysis of the factors in the physical, biological, and social environment that affect the health of the population of a geographically defined area. Fall Term.

Credit Hours
0.5

PE-292 Independent Study

Credit Hours
0.25

PE-312 Phy Educ for Special Population

Course Description
An examination of physical activity programs for children with exceptionalities. A focus on instructional strategies appropriate for teaching adapted physical education. Spring Term.

Credit Hours
1

PE-346 Human Sexuality

Course Description
This course presents the cognitive and affective aspects of human sexuality, beginning with a discussion of the history of attitudes towards sexuality from antiquity to modern times. The male and female reproductive systems are covered, as well as human sexual response, etiology of sexual dysfunction and infertility. Contemporary and controversial topics such as HIV, sexually transmitted diseases, sexuality eduation, sexual orientation, and sexual assault are also addressed. The course is designed to prepare the health education minor to teach sexuality education.

Credit Hours
1

PE-360 Contemporary Concepts in Health

Course Description
Basic foundation of knowledge concerning vital health issues. Focuses on the potential for prevention, and instills a sense of competence and personal power in students to monitor, understand, and affect their own health behaviors. January Term.

Credit Hours
1

PE-370 Instr Tech/Elem Sch Phys Educ

Course Description
An advanced study of the scope and sequence, content, and skills of the National Association of Sports and physcial Education (NASPE) Standards, in combination with a skill theme, and movement concepts approach to elementary school physical education. Students develop skills, knowledge, instructional planning, and use of educational technology for teaching fundamental motor skills to children in grades K-6. Developmentally appropriate instructonal strategies for the elementary school level are emphasized within the context of games, link segments in exercise and sport. Additional emphasis is also placed on proper exercise and dance, gymnastics, and fitness activities. An additional weekly laboratory experience is a major component of the course. Prerequisite: A grade of C or higher in KIN 235. Spring Term.

Credit Hours
1

PE-410 Kinesiology

Course Description
This course is an overview of the relationship between the skeletal system, muscular system, and joint actions along with positional and movement analysis of the body and its link segments in exercise and sport.

Credit Hours
1

PE-440 InstTech Mid/Sec PhyEd Ped

Course Description
An advanced study of the scope and sequence, content, and skills of the National Association of Sports and Physical Education (NASPE)Standards for middle school (grades 6-9) and secondary school (grades 10-12). Including developmental characteristics of early adolescents, assessment, coordination and referral of students to appropriate health and social services, history, methods and best pedagogical practices related to instructional strategies, classroom management, classroom environments and organization, lesson and unit plan implementation, and the incorporation of educational technology for teaching physical education in the middle school and secondary school. An additional weekly lab experience is a major component of the course. Prerequisite: A grade of C or higher in KIN 235. Fall Term.

Credit Hours
1

PE-445 Measurement & Evaluation for Phy Educ

Course Description
Provides an understanding of the principles of measurement and evaluation as applied to instruction, assessment, and program evaluation for physical education. Major topics of focus include: test construction, test administration, scoring, and interpretation of a variety of motor and cognitive assessment instruments. Statistical principles needed for the interpretation of motor and cognitive assessment instruments are also reviewed. Spring Term.

Credit Hours
1

PE-492 Independent Study

Credit Hours
0.25

PH-100 Intro to Public Health

Course Description
This course is designed to provide an introduction to public health concepts including health promotion and disease prevention. Students will examine historical and contemporary public health case studies to understand the systems, professions, tools, and skills associated with public health. Through case responses, students will practice public healthspecific communication skills including technical and professional writing and the use of mass media and electronic technology.

Credit Hours
1

PH-200 Public Health & StudyDisease &Epidemics

Course Description
This course will introduce principles of the study of disease from a public health perspective, including basic pathophysiology and the study of distribution of disease and epidemics in human populations. Through lectures and tabletop

exercises students will learn fundamental concepts of epidemiology and will be introduced to resources and methods for learning about human health and disease.

Credit Hours
1

PH-250 SystemThinkApproachSocDeterminantHealth

Course Description
This course will introduce students to the concept of social determinants of health, including factors like socioeconomic status, education, neighborhood and physical environment, employment, social support networks and access to health care. In this course, we will explore the concept through the lens of systems thinking, a practice that takes a comprehensive approach to complex events or phenomena to reveal interrelationships rather than linear cause-effect chains, and look at longer-term processes of change rather than simply snapshots in time.

Credit Hours
1

PH-300 Public Health, Environment & ModernLife

Course Description
Human activity has had an impact on the health of people, animals and environments throughout history. This course uses cross-disciplinary frameworks to examine critical issues in public health that can be traced to the impact of modern life.

Credit Hours
1

PH-310 Public Health & Global Citizenship

Course Description
This course will present introductory principles and practices related to public health on a global basis. In this course we will analyze various public health aspects of global health, including: public health problems (chronic disease, infectious disease, injury, disability, malnutrition, etc.) affecting foreign countries, prevention and control efforts in foreign countries, United States involvement in global health problems, economic and social impact of global health problems, structure and function of health care systems, and the future of global health.

Credit Hours
1

PH-320 Hist& Contemp Public Health Challenge I

Credit Hours
1

PH-330 Public Health Epidemiology

Course Description
This course will review principles and practices related to the cause, prevention, and control of disease and injury in the human population. Emphasis will be placed on understanding the distribution of diseases, epidemiology methods, risk assessment, and the application of epidemiology data to disease prevention and control.

Credit Hours
1

PH-400 Foundations of Public Health I

Course Description
This course introduces the history, mission, vision and core functions of public health from a regional, national and global perspective. The Ecological Model of Health serves as the conceptual framework to explore the social, political, economic, medical, legal and ethical factors that create disparities and guides public health practice across populations and environments.

Credit Hours
1

PH-408 Leadership & Innovation In PublicHealth

Course Description
This course is the cornerstone of the Elmhurst University public health program and will prepare students to be innovative problem solvers and leaders in public health. Leadership and innovation are linked because they are both essentially about understanding people in order to effectively motivate them, a key skill for public health professionals. The first half of the course will be structured as a seminar in which an array of guest speakers from other disciplines will discuss their fields' approach to creativity and innovation and how that could apply to public health. We will also learn about leadership theory and practice. In the second half, the class as a group will apply lessons from the first part of the course by using a human-centered design approach to create an innovative solution to a public health problem.

Credit Hours
1

PH-410 Population Health & Health Diparities

Course Description
This course will introduce principles of population health, which is concerned with both the measurement of health outcomes and disparities in the pattern of determinants of health. In this course we will focus on the interrelated conditions and factors that influence the health of populations over the life course, identify systematic variations in their patterns of occurrence, and apply the resulting knowledge to discuss approaches to improve the health and well-being of those populations.

Credit Hours
1

PH-420 Public Health Policy & Politics

Course Description
This course provides an introduction to the structures, institutions and processes of the U.S. government at the federal and state levels, their interrelationships, and roles in shaping public health policy.

Credit Hours
0.75

PH-425 Hist& Contemp PublicHealth Challenge II

Credit Hours
1

PH-430 Public Health Capstone Project

Course Description
Baccalaureate Project in Public Health represents the students' culminating experience, providing them with opportunity to demonstrate through individual or group effort, attainment of the program's overarching curriculum goals. Students complete a cumulative project on a topic that reflects two or more of the curricular themes and their significance to the selected topic. Project topics and groups will be selected by the students and a project strategic plan will be developed using the Public Health Toolbox. Students will be required to present their work to an audience of faculty, public health professionals, and peers.

Credit Hours
0.5

PH-440 Public Health Fieldwork

Course Description
12 field experiences in schools and community health. Field observation, participation, and evaluation of community health education or safety programs in agencies relevant to student interests.

Credit Hours
1

PH-440M Public Health Fieldwork

Course Description
12 field experiences in schools and community health. Field observation, participation, and evaluation of community health education or safety programs in agencies relevant to student interests.

Credit Hours
1

PH-450 Fundamentals of Social&BehaviorSciences

Course Description
This course prepares students to understand concepts and methods of social and behavioral sciences relevant to the assessment of public health and design of strategies and interventions at a population level.

Credit Hours
0.75

PH-451 Community Health Programming

Course Description
This course introduces philosophies, principles and methods for promoting health, and addresses the development of effective health promotion and health education programs. Health educator competencies and program tools will be applied to course content.

Credit Hours
1

PH-495 Honors Independent Research

Course Description
This course gives Honors Program students the opportunity to design and implement a significant research project in the field of English, culminating in an appropriate public dissemination of research methods and findings. This research must build upon previous coursework taken within the major or minor, facilitating faculty supervision and guidance. Repeatable for credit. Permission of the faculty supervisor and the director of the Honors Program required prior to registration.

Credit Hours
0.5

PHL-210 Introduction to Philosophy

Course Description
A critical examination of some of the basic problems of philosophy. Among topics discussed are: the nature of reality, of human knowledge, and of moral, esthetic, and religious values.

Credit Hours
1

PHL-215 Race, Gender, and Justice

Course Description
Race and gender, and their interfaces with social identities such as sexuality, (dis)ability, and class, structure almost every aspect of our social and political lives. This course will critically explore the concepts of race, gender, and justice using historic and contemporary philosophical texts.

Credit Hours
1

PHL-220 Logic

Course Description
Introduction to the formal study of logical implication. Propositional and first-order logic will be treated in detail. Additional topics will include alternative logics such as modal and deontic logic and selected topics in metalogic.

Credit Hours
1

PHL-303 Ancient Philosophy

Course Description
A survey of the philosophical tradition of the Western world from the beginnings among the pre-Socratics, through the classic periods of Greece and Rome.

Credit Hours
1

PHL-304 Modern Philosophy

Course Description
A study of the development of modern systems of philosophical thought including Continental rationalism, British empiricism, Kantianism, and the idealist tradition.

Credit Hours
1

PHL-306 Ethics

Course Description
An analytical and critical examination of classical and contemporary moral theories, supplemented by an examination of selected moral problems. Topics include the principles and methods of both ethical theory and moral choice. Open only to Philosophy majors and minors.

Credit Hours
1

PHL-307 Existentialism

Course Description
This course will provide students with an overview of the philosophical and literary movement of existentialism. It examines its roots in nineteenth century thought, its development through the mid-twentieth century, and its continuing relevance for postcolonial literature and theory. Some of the authors that may be discussed include Kierkegaard, Kafka, Beauvoir, Beckett, Camus, and Fanon. Topics that will be considered include the nature of human existence; problems and paradoxes of human freedom; and the constitution of human subjectivity and identity.

Credit Hours
1

PHL-309 Philosophy of Art

Course Description
Consideration of classical and contemporary theories of the nature of art and the aesthetic experience. Attention to problems inherent in any attempt to understand, interpret, and evaluate works of art.

Credit Hours
1

PHL-310 Business Ethics

Course Description
A study of ethical theory as applied to individual and corporate behavior in business as it functions in a complex society.

Credit Hours
1

PHL-311 Kant

Course Description
A close reading of major portions of Kant's philosophical project. Topics to be considered include the nature of knowledge, the essence of human freedom and the powers of imagination.

Credit Hours
1

PHL-312 Environmental Ethics

Course Description
Emphasizes careful thinking about ethical concepts such as right and wrong, justice and injustice, duty and obligation, in relation to environmental concerns: population, pollution, land development, preservation of ecosystems, and the rights of animals and future generations.

Credit Hours
1

PHL-315 Philosophy of Law

Course Description
An introductory study regarding the nature of law and legal authority and obligation. Emphasis is placed on naturalist versus positivist theories of law; legal rights (explored via US Supreme Court jurisprudence); and criminal responsibility and punishment. Especially recommended for students planning to apply to law school.

Credit Hours
1

PHL-316 Biomedical Ethics

Course Description
Application of classical ethical theories to problems encountered in the health care fields. Theories of prominent ethical philosophers provide conceptual grounding for discussions of the moral issues confronted in health care.

Credit Hours
1

PHL-320 Social&Political Philosophy

Course Description
A historical and topical orientation to several central problems of social and political philosophy. Topics to be covered include but are not limited to: justice, equality, citizenship, authority, institutions, and law.

Credit Hours
1

PHL-349 Philosophy of Religion

Course Description
A critical and constructive examination of basic religious beliefs and concepts such as God (including arguments for the existence of God), faith, immortality, and the problem of evil.

Credit Hours
1

PHL-405 Contemporary Philosophy

Course Description
A study of one or several of the main movements in philosophy from the latter half of the 19th century to the present, such as phenomenology, existentialism or analytic philosophy. Prerequisite: one course in philosophy.

Credit Hours
1

PHL-406 Phil of Mind & Consciousness

Course Description
Is the mind produced by the workings of the brain, or is it more than this? Is the mind like a computer? Do we have free will, or are our choices determined by unconscious brain events? Is your mental life permanently private and accessible only to you? How might the brain produce the mind? What are concepts? How does the human mind achieve the skills needed to speak a language? Will advances in science change the way we speak about our minds? These questions will be addressed by reading current texts and by analytical writing, as well as class discussions.

Credit Hours
1

PHL-420 Seminar

Course Description
A course with varying content from year to year consisting of concentrated study of some movement, problem, or philosopher. Prerequisites: two courses in philosophy or permission of instructor.

Credit Hours
1

PHL-492 Independent Study

Course Description
Regular meetings are arranged with the instructor. The topic must be approved by the staff of the department two weeks prior to the beginning of the term. A written report must be submitted at the conclusion of the course. Repeatable for credit.

Credit Hours
0.5

PHL-495 Honors Independent Research

Course Description
This course gives Honors Program students the opportunity to design and implement a significant research project in the field of philosophy, culminating in an appropriate public dissemination of research methods and findings. This research must build upon previous coursework taken within the major or minor, facilitating faculty supervision and guidance. Repeatable for credit. Permission of the faculty supervisor and the director of the Honors Program required prior to registration.

Credit Hours
0.5

PHY-101 Physical Science

Course Description
For the non-science major, an introduction to the facts, methods and philosophy of the physical sciences. Provides insight into the modern technological world. Material is drawn from physics, astronomy and chemistry. A knowledge of elementary algebra and geometry is assumed. Laboratory expands upon ideas developed in class. Spring Term.

Credit Hours
1

PHY-102 Earth System Science

Course Description
Scientific study of the connection between working systems of the Earth, their characteristics, patterns, and shaping processes. Topics include rocks and minerals, theory of plate tectonics, and landform created by rivers, glacier, wind, and ocean processes. Tools used include topographic maps, aerial photographs and spatial analysis software. Course includes a brief analysis of landform regions of the United States in a regional approach. Includes laboratory with required materials fee. Also offered in hybrid format

Credit Hours
1

PHY-105 Intro Atmospheric Science

Course Description
Study of the major characteristics, patterns, and processes of dynamic change that distinguish the Earth's weather and climate and its related influence on the biosphere. Topics include: solar and earth radiation, air temperature, air pressure and winds, precipitation, air masses and fronts, circulation patterns, severe weather occurrences, storms, and climate. The impact of human technology on weather and climate and the biosphere is discussed as a major social and ethical issue. Includes laboratory with required materials fee. Also offered in online format.

Credit Hours
1

PHY-111 Introductory Physics I

Course Description
A broad quantitative background in basic physics appropriate for students in biology, geography, prephysical therapy, speech pathology, and nursing. Mechanics of particles, rigid bodies, and fluids; the concepts of energy and momentum; and heat and thermodynamics with related laboratory work. Prerequisite: background in algebra and trigonometry at the level of MTH 121 and MTH 132. Fall Term, Summer Term.

Credit Hours
1

PHY-112 Introductory Physics II

Course Description
A continuation of PHY 111. Electricity, magnetism, light, optics, and elementary modern physics with related laboratory experiments. Prerequisite: PHY 111. Spring Term, Summer Term.

Credit Hours
1

PHY-121 General Physics I

Course Description
A thorough quantitative understanding of basic physics for students in science, mathematics, computer science, physics, or engineering programs. Vectors, kinematics, laws of mechanics, force, energy, momentum, and fluids with related laboratory experiments. Corequisite: MTH 151. Fall Term, Summer Term.

Credit Hours
1

PHY-122 General Physics II

Course Description
A continuation of PHY 121. Waves, oscillations, heat and thermodynamics, electricity, magnetism, light, and optics, with related laboratory experiments. Prerequisite: PHY 121. Corequisite: MTH 152. Spring Term, Summer Term.

Credit Hours
1

PHY-212 Introduction to Astronomy

Course Description
A general introductory laboratory science course for nonscience and science majors. An understanding, appreciation, and working knowledge of astronomy and its technological, environmental, and social impact in the past, present, and future. Understanding of the scientific method is developed through laboratory and field investigations with some evening observing time required.

Credit Hours
1

PHY-292 Independent Study

Credit Hours
0.5

PHY-304 Oscillations and Waves

Course Description
Oscillations and waves focused around the harmonic oscillator - mechanical and electromagnetic oscillating systems, the wave equation for longitudinal and transverse waves. Includes Fourier Analysis, basic programming, and applied differential equations. Includes laboratory. Prerequisites: PHY 122 .

Credit Hours
1

PHY-305 Modern Physics

Course Description
Discussion of landmark discoveries leading to formulation of the theory of wave-particle duality, basic quantum mechanics, special relativity, elementary nuclear physics, and heuristic discussion of particle physics. Prerequisites: PHY 304

Credit Hours
1

PHY-306 Mechatronics 1

Course Description
This course is an introduction to basic analog electronics and microcontrollers such as the Arduino. Topics include passive electrical components, the use of electronic test equipment, basic programming, using an Integrated Development Environment (IDE) for writing code for a microcontroller, reading and storing data from analog sensors, generating digital signals to control devices such as motors and light sources, producing sounds, displaying data, data logging, wireless communication between a microcontroller and other devices, design and construction of a printed circuit board (PCB), and digital simulation of a microcontroller.

Credit Hours
1

PHY-307 Mechatronics 2

Course Description
Advanced topics in analog electronics, microcontrollers, and feedback control. Operational amplifiers, data transfer protocols to transfer data to and from a microcontroller, microcontroller pin expansion using shift registers, basic theory of feedback and proportional-integral-derivative (PID) feedback control, ladder logic, Programmable Logic Controllers (PLCs), and Field Programmable Gate Arrays (FPGAs).

Credit Hours
1

PHY-311 Analytical Mechanics

Course Description
Physical and analytical aspects of mechanics using vector calculus: dynamics of particles and systems, work, energy, momentum, constrained motion, moving coordinate systems, and Lagrangian and Hamiltonian formulations. Includes laboratory. Prerequisites: PHY 121 and MTH 341. Fall Term.

Credit Hours
1

PHY-312 Electricity and Magnetism

Course Description
Development and application of electromagnetic field theory: electric and magnetic fields, scalar and vector potentials, dielectrics, magnetic materials, and Maxwell146s equations. Includes laboratory. Prerequisites: PHY 122 and 311, MTH 341. Spring Term.

Credit Hours
1

PHY-313 Statistical Physics

Course Description
Nature of heat, thermal radiation, specific heats, gas laws; Maxwell-Boltzmann, Bose-Einstein, and Fermi-Dirac distributions; and classical thermodynamics. Includes laboratory. Prerequisites: PHY 122 and MTH 251. Fall Term.

Credit Hours
1

PHY-315 Bend, Squish, and Flow: Material Physics

Course Description
A first introduction to how the phases of matter arise from a competition between interparticle forces and thermal energy. Topics include elementary thermodynamics, kinetic theory of gases, Imperfect gases, Elementary solid state physics, Elastic, Thermal, and electrical properties of solids, The liquid state, thermal and flow properties of liquids, and an overview of soft condensed matter.

Credit Hours
1

PHY-407 Data Science & Math. Methods for Physics

Course Description
Students will learn mathematical methods and data analysis techniques essential to physics and engineering. Mathematical methods include vector analysis, continuous and discrete statistics, and Fourier transforms. Data analysis techniques will focus on likelihoods, hypothesis testing, and algorithms for these techniques in Python. The course will also include basic code profiling and version control.

Credit Hours
1

PHY-414 Modern Optics

Course Description
Geometrical and physical optics, polarization, coherence, interference, diffraction, Fourier optics, and fundamental optical phenomena. Electromagnetic theory of light is stressed. Includes laboratory. Prerequisites: PHY 312 and MTH 341. Fall Term.

Credit Hours
1

PHY-421 Quantum Mechanics

Course Description
This course is a mathematically sophisticated introduction to quantum mechanics. Beginning with the historical development of quantum mechanics and a detailed study of the main experiments that led to the recognition of wave-particle duality, the course goes on to develop quantum mechanics using the modern mathematical formalism of quantum states as complex vectors in a Hilbert space. The course prepares students to understand modern developments in quantum mechanics such as atom cooling and trapping, and quantum computation. (Includes laboratory) Prerequisites: PHY 305, MTH 341 (MTH 342 preferred)

Credit Hours
1

PHY-440 Special Topics in Physics

Course Description
Half or full course Faculty and advanced physics students study a specific topic chosen for its particular experimental, theoretical, philosophical, technical, or scientific interest. repeatable for credit. Prerequisite: consent of instructor.

Credit Hours
0.5

PHY-492 Independent Study

Course Description
Half or full course Enables science majors capable of independent work to pursue specialized or advanced topics by doing independent reading, assigned work, or structured laboratory activities. Repeatable for credit. Permission of the supervising instructor required prior to registration.

Credit Hours
0.5

PHY-494 Independent Research

Course Description
Half or full course Enables science majors capable of substantial independent work to plan and execute a physics research project for credit. Specific literature research and laboratory activities must be carried out. Repeatable for credit. Permission of the supervising instructor required prior to registration.

Credit Hours
0.5

PHY-495 Honors Independent Research

Course Description
This course gives Honors Program students the opportunity to design and implement a significant research project in the field of physics, culminating in an appropriate public dissemination of research methods and findings. This research must build upon previous coursework taken within the major or minor, facilitating faculty supervision and guidance. Repeatable for credit. Permission of the faculty supervisor and the director of the Honors Program required prior to registration.

Credit Hours
0.5

POL-150 Introduction to Politics

Course Description
This course provides a college level introduction to the subject of politics. Students examine major theories, concepts and themes across the subfields of political science and are challenged to think critically and analytically about politics.

Credit Hours
1

POL-201 U.S. Federal Government

Course Description
An introduction to the essential principles and fundamental structure of the U.S. system of government.

Credit Hours
1

POL-202 U.S. State & Local Government

Course Description
An introduction to state and local government and their basic roles in the U.S. federal system. Special attention is given to the problems of cities, villages, counties, townships and other units of local government.

Credit Hours
1

POL-203 Introduction to World Politics

Course Description
This course introduces the fundamental concepts, theories, perspectives, and actors that exist within world politics. It will explore historical and contemporary political issues and provide students with a broad understanding of what is occurring politically within countries and what is occuring politically between countries.

Credit Hours
1

POL-240 Law and Politics

Course Description
This course introduces students to the law as part of the systematic study of social and behavioral phenomena. The course introduces students to the current system, practices, and theories of American public law.

Credit Hours
1

POL-300 Urban Politics

Course Description
This course is an introduction to urban politics in the United States. The vast majority of Americans now live in or around urban areas. The social, economic, governmental and political questions facing the United States today are, by and large, problems of cities and their surrounding metropolitan regions. The course focuses on the problems and achievements of metropolitan areas, including suburbs as well as cities. Socioeconomic issues of race, ethnicity, class, gender, poverty, wealth and power are highlighted.

Credit Hours
1

POL-301 Politics of the Global North

Course Description
This course is a comparative study of the political institutions, processes and policy outcomes across European states and the European Union from post-World War II to the present. Topics examined include executive, legislative and judicial structures; provincial government; political culture; political socialization; citizen participation and interest groups; parties and elections; and economic and foreign policy.

Credit Hours
1

POL-302 Politics of the Global South

Course Description
A comparative study of politics in Asia, Africa, Latin America and the Middle East. Topics may include imperialism and colonialism, nationalism, poverty and inequality, tradition and modernity, revolution, women and strategies for growth and development.

Credit Hours
1

POL-303 Politics of the Middle East

Course Description
An analysis of the major issues and problems that dominate the Middle Eastern political scene. A consideration of the region's involvement in international affairs as well as an examination of the indigenous concerns of people and states in the region.

Credit Hours
1

POL-305 The U.S. Presidency

Course Description
This course examines the constitutional foundations of the presidency, the organization of the executive branch, the selection process, the various roles and characteristics of the president, the president's relationship with both formal and informal institutions, and the president's impact on public policy. Prerequisite: POL 201 or permission of the instructor.

Credit Hours
1

POL-306 Politics of International Relations

Course Description
This course explores the major theoretical perspectives and predominant issues in international politics. It analyzes and applies realist, liberal and postmodernist approaches to the dynamics of the international system, focusing on how these approaches explain conflict and cooperation between states. Topics addressed include superpower relations, military conflict and terrorism, globalization and development, ethnic conflict and nation-building, environmental degradation and the role of the United States in world affairs.

Credit Hours
1

POL-307 U.S. Foreign Policy

Course Description
An examination of the making and implementation of U.S. foreign policy. This course begins with a review of the history of U.S. foreign policy, focusing on patterns in foreign policy goals and instruments, and highlighting key persons, ideas and events. It proceeds to an assessment of the international and societal influences on U.S. foreign policy, an examination of the roles of governmental institutions in the formulation of U.S. foreign policy, and an analysis of the theories political scientists put forth to explain foreign policy decision making. Throughout, the course focuses on controversial issues in contemporary U.S. foreign policy.

Credit Hours
1

POL-311 Model United Nations

Course Description
This course is designed to teach students about the basic structure/organization, functions, history and procedures of various intergovernmental organizations (IGOs). The primary focus is on the United Nations and its related agencies. The course will provide a first-hand opportunity to learn about the United Nations through participation in the American Model United Nations Conference in Chicago during the week prior to Thanksgiving. In addition to collecting relevant background information on the UN, students are required to do in-depth research on a specific UN committee or agency, a specific international topic that will be dealt with by their assigned committee at the conference and a specific UN member state determining its position/perspective regarding various international topics. Repeatable for credit. May count as one course toward the Political Science major or minor.

Credit Hours
0.5

POL-314 Classical Political Thought

Course Description
In this course, we will examine political philosophy from its birth in Ancient Greece to the dawn of modernity. Specific attention will be given to the works of Plato, Aristotle, and Machiavelli. Throughout we will explore the relationship between philosophy and politics, reason, and passion, and the individual and the community. We will ask such questions as: What is justice? What is the best form of government? What does the citizen owe to the political community?

Credit Hours
1

POL-315 Modern&Contemporary Pol Thry

Course Description
This course focuses on the nature and purpose of political association as it has been understood since the birth of modernity in the 16th century through the present day. Specifically, we will study five movements which characterize the modern and postmodern theoretical and political world; Liberalism, Conservatism, Socialism, Feminism and Post-Modernism. We will read selections from John Locke, Edmund Burke, Karl Marx, John Rawls, Catherine MacKinnon, and Richard Rorty. Each of these thinkers offers a different and enlightening, yet distinctly modern/contemporary perspective, on the human political condition.

Credit Hours
1

POL-319 U.S. Political Thought

Course Description
Political thought in the United States reflects the revolutionary attempt to balance the traditional political goal of order with the call for individual liberty. This attempt to balance order with liberty revealed another possible value for politics -equality. The history of political thought and practice in the United States, is a history of an attempt to balance order with liberty and liberty with equality. In this course, we will examine a variety of voices, key texts and movements in the U.S. that have helped to shape this evolution. This entails an examination of statespersons as well as political philosophers in U.S. history.

Credit Hours
1

POL-320 Congress

Course Description
This course explores the dual nature of Congress through the examination of the constitutional foundations and evolution of Congress, the election process, the organization of the legislative branch, formal and informal congressional rules and procedures, Congress's relationship with both formal and informal institutions, and its policymaking role in public policy. Prerequisite: POL 201 or permission of the instructor.

Credit Hours
1

POL-327 Women and Politics

Course Description
Women and Politics will provide an overview of modern-day women?s involvement in local, regional, national and global politics. The focus of the course will be on women?s leadership, participation, and influence in U.S. politics. The course will explore U.S. women elected at the federal, state, and local levels. We will also investigate inequities and inequalities faced by women. Key policy issues and major U.S. Supreme Court cases impacting women?s rights in the U.S. will be examined.

Credit Hours
1

POL-340 Intro to Law

Course Description
The course provides an introduction to the structure of the U.S. legal system, with a focus on fundamental civil law doctrines and legal procedures. Students will be introduced to how to read and brief legal cases, statutory analysis and construction, legal research, and writing, civil and criminal procedure and substantive civil law. Substantive civil law topics include: torts, contracts, real property, business entities, employment law and wills, and trusts.

Credit Hours
1

POL-351 Mock Trial I

Course Description
This course offers students an opportunity to learn firsthand about the American legal system with a special emphasis on criminal and civil litigation and courtroom procedures. The course prepares students for local, regional, and national mock trial competitions under the sponsorship of the American Mock Trial Association (AMTA). Through discussion, lectures, role-playing opportunities, and competitions, this course will stimulate students' abilities to think critically about the foundations of the American legal system and to participate as informed citizens. Courses may require regional and/or national travel.

Mock Trial involves participation in three contiguous terms beginning in the Fall term, extending through January term, and ending in the Spring term. Mock Trial I is offered in the Fall and Mock Trial II is offered in the Spring. Mock Trial I and II can both be taken either for credit or non-credit. Mock Trial I and II are each repeatable, but count as a maximum of 2 credits toward graduation and a maximum of one credit toward a Political Science major or minor. Other terms may be taken as non-credit. Mock Trial I (351) is worth 1 credit and Mock Trial II (353) is worth a 1/2 credit. Students who complete a full year of Mock Trial are eligible for the Experiential Learning designation in the ECIC program. Students who complete the full year of Mock Trial for credit are eligible to receive the Oral Communications tag in the IC program. P/NP Grading Only. Prerequisite: Permission of the instructor.

Credit Hours
1

POL-352 Mock Trial J

Course Description
This course offers students an opportunity to learn firsthand about the American legal system with a special emphasis on criminal and civil litigation and courtroom procedures. The course prepares students for local, regional, and national mock trial competitions under the sponsorship of the American Mock Trial Association (AMTA). Through discussion, lectures, role-playing opportunities, and competitions, this course will stimulate students' abilities to think critically about the foundations of the American legal system and to participate as informed citizens. Courses may require regional and/or national travel.

Mock Trial involves participation in three contiguous terms beginning in the Fall term, extending through January term, and ending in the Spring term. Mock Trial I is offered in the Fall and Mock Trial II is offered in the Spring. Mock Trial I and II can both be taken either for credit or non-credit. Mock Trial I and II are each repeatable, but count as a maximum of 2 credits toward graduation and a maximum of one credit toward a Political Science major or minor. Other terms may be taken as non-credit. Mock Trial I (351) is worth 1 credit and Mock Trial II (353) is worth a 1/2 credit. Students who complete a full year of Mock Trial are eligible for the Experiential Learning designation in the ECIC program. Students who complete the full year of Mock Trial for credit are eligible to receive the Oral Communications tag in the IC program. P/NP Grading Only. Prerequisite: Permission of the instructor.

Credit Hours
0

POL-353 Mock Trial II

Course Description
This course offers students an opportunity to learn firsthand about the American legal system with a special emphasis on criminal and civil litigation and courtroom procedures. The course prepares students for local, regional, and national mock trial competitions under the sponsorship of the American Mock Trial Association (AMTA). Through discussion, lectures, role-playing opportunities, and competitions, this course will stimulate students' abilities to think critically about the foundations of the American legal system and to participate as informed citizens. Courses may require regional and/or national travel.

Mock Trial involves participation in three contiguous terms beginning in the Fall term, extending through January term, and ending in the Spring term. Mock Trial I is offered in the Fall and Mock Trial II is offered in the Spring. Mock Trial I and II can both be taken either for credit or non-credit. Mock Trial I and II are each repeatable, but count as a maximum of 2 credits toward graduation and a maximum of one credit toward a Political Science major or minor. Other terms may be taken as non-credit. Mock Trial I (351) is worth 1 credit and Mock Trial II (353) is worth a 1/2 credit. Students who complete a full year of Mock Trial are eligible for the Experiential Learning designation in the ECIC program. Students who complete the full year of Mock Trial for credit are eligible to receive the Oral Communications tag in the IC program. P/NP Grading Only. Prerequisite: Permission of the instructor.

Credit Hours
0.5

POL-354 Mock Trial Spring Only

Course Description
This course offers students an opportunity to learn firsthand about the American legal system with a special emphasis on criminal and civil litigation and courtroom procedures. The course prepares students for local, regional, and national mock trial competitions under the sponsorship of the American Mock Trial Association (AMTA). Through discussion, lectures, role-playing opportunities, and competitions, this course will stimulate students' abilities to think critically about the foundations of the American legal system and to participate as informed citizens. Courses may require regional and/or national travel.

Mock Trial involves participation in three contiguous terms beginning in the Fall term, extending through January term, and ending in the Spring term. Mock Trial I is offered in the Fall and Mock Trial II is offered in the Spring. Mock Trial I and II can both be taken either for credit or non-credit. Mock Trial I and II are each repeatable, but count as a maximum of 2 credits toward graduation and a maximum of one credit toward a Political Science major or minor. Other terms may be taken as non-credit. Mock Trial I (351) is worth 1 credit and Mock Trial II (353) is worth a 1/2 credit. Students who complete a full year of Mock Trial are eligible for the Experiential Learning designation in the ECIC program. Students who complete the full year of Mock Trial for credit are eligible to receive the Oral Communications tag in the IC program. P/NP Grading Only. Prerequisite: Permission of the instructor.

Credit Hours

0

POL-360 Public Policy & Administration

Course Description

An examination of public policy and public administration in the United States. Students are asked to consider how and why some problems reach the public agenda, how and why some solutions are adopted and others rejected, and how and why some policies appear to succeed, while others appear to fail. Special attention is paid to how and why politics and policy are interdependent and the implementation of public policy. Students are exposed to theoretical and analytical frameworks used by political scientists to help describe and explain governmental policymaking and administration. Prerequisite: POL 201.

Credit Hours

1

POL-365 Environmntl Politics&Policy

Course Description

This course is an introduction to the study of domestic and international environmental politics and policy. The course explores the interaction of culture and politics on environmental policy formation and implementation. The course focuses on the processes, actors, and cultural values involved in environmental policy-making in the U.S. and internationally. In addition to providing an overview of major U.S. environmental laws and international environmental regimes, the course examines various perspectives on solving environmental problems. Topics may include air and water pollution, hazardous waste, climate change, and natural resources. In addition, civic engagement in relation to environmental policy is explored throughout the course.

Credit Hours

1

POL-402 Political Justice

Course Description

This course will examine the multiple meanings of justice as it has evolved in western political philosophy and as it is challenged by non-Western traditions and global circumstances. The course begins with the notion of justice as harmony, in which political justice reflects personal and social justice, and will contrast this with the notion of justice as power, as the product of an agreement between people and enforced by the state. The course will also contrast this with the more contemporary notion of justice as fairness, and conclude with a look at recent challenges to the modern attempt to separate political justice from social justice and global justice. Also examined is the multiple meanings of justice as it is used in contemporary society and everyday discussion. Prerequisite: junior standing or permission of the instructor.

Credit Hours

1

POL-410 Environmental Law

Course Description

This course is an introduction to Environmental Law. Students are exposed to the complex mix of federal and state laws, regulations, and agreements that share the goal of protecting the environment as they examine major environmental statues in the U.S., as well as international environmental law/agreements. This course provides an overview of the legal framework for environmental protection framed under broad themes in distinct areas of environmental law that includes, but not limited to: clean air, clean water, endangered species, pesticides, toxic substances, and waste management. Additionally, students will learn about a vast array of considerations concerning environmental law such as technology, ethics and values, science, social justice, and human and non-human health.

Credit Hours

1

POL-411 Constitutional Law :Civil Liberties

Course Description

The focus of this course is the First Amendment and civil liberties. Through a review of U.S. Supreme Court cases, we will trace the various interpretations of the U.S. Constitution and the Amendments by examining the concepts of freedom of religion, speech, press, assembly and the right to privacy. Prerequisite: junior or senior standing or POL 201 or permission of the instructor.

Credit Hours

1

POL-412 Constitutional Law: Civil Rights

Course Description

The focus of this course is Civil Rights. Through a review of U.S. Supreme Court cases, we will trace the various interpretations of the U.S. Constitution and the Amendments that apply to topics such as the rights of the accused, search and seizure, racial discrimination, gender and juvenile issues, rights of prisoners and poor people, and political participation. Prerequisite: junior or senior standing or POL 201 or permission of the instructor.

Credit Hours

1

POL-413 Constitutional Law: National Powers

Course Description

The focus of this course is Constitutional Structures. Through a review of U.S. Supreme Court cases, we will trace the evolving interpretation of the U.S. Constitution by examining the framework, powers, and functions of our federal system. We examine the concepts of constitutional and judicial politics, separation of powers, federal-state relations, and economic liberties. Topics include judicial review, domestic conflicts, emergencies and foreign affairs, the commerce clause, taxing and spending powers, the contract clause, the takings

clause, the police power, and substantive due process. Prerequisite: junior or senior standing, POL 201 or permission of the instructor. POL 240 is recommended.

Credit Hours
1

POL-421 Practical Politics&political Campaigning

Course Description
This course requires students to engage in political and/or public advocacy experiences with governmental officials/agencies, political parties and/or non-profit charitable. Through encouraging students to apply political science theories and concepts to understand civic engagement experiences, this course furthers student abilities to think critically about politics at the local and national levels and to participate in active citizenship. Permission required. Offered as needed.

Credit Hours
0.25

POL-445 Senior Seminar: Topics in POL & URB

Course Description
This seminar serves as a capstone experience and is to be taken in the fall of a student's final year. The seminar seeks to foster in students the abilities to 1) analyze contemporary political or urban problems utilizing disciplinary concepts, methodologies and theories; and 2) conduct and present scholarly research on contemporary political or urban problems. In this capstone research paper, students will explore an important problem from the perspective of one of the subfields and methodologies. Through a focus on research design and methodology, information literacy, and the process and conventions of writing, the seminar will provide a supportive framework for students to complete the senior research paper. By permission only.

Credit Hours
1

POL-452 Sp Topics Political Science

Course Description
This course will allow students to pursue advanced study in political science beyond the regular departmental offerings. Repeatable for credit.

Credit Hours
0.5

POL-468 Internship

Course Description
Credit to students who are employed by government agencies, legal offices, and institutions, or by interest groups and political campaigns. Students are expected to understand the relationship of their field experience to the discipline of political science and to demonstrate this understanding in written and oral reports to the faculty supervisor. Internships can be graded with letter grades if a written research paper is completed under faculty direction. Otherwise, the grade will be P/NP. Repeatable for credit. Permission of the department chair is required. Prerequisite(s): The prerequisite for the field experience is the completion of at least two courses in political science, or the consent of the chair of the Department of Political Science. One of the prerequisite courses must be either POL 201, POL 202 or POL 300.

Credit Hours
0.5

POL-492 Independent Study

Course Description
Approval of the political science instructor is required. Repeatable for credit.

Credit Hours
0.5

POL-495 Honors Independent Research

Course Description
This course gives Honors Program students the opportunity to design and implement a significant research project in the field of political science, culminating in the appropriate public dissemination of research methods and findings. This research must build upon previous coursework taken within the major or minor, facilitating faculty supervision and guidance. Repeatable for credit. Permission of the faculty supervisor and the director of the Honors Program required prior to registration.

Credit Hours
0.5

PSY-210 Intro to Psychological Science

Course Description
An introduction to psychology as a science, along with its methods of inquiry and representative findings in areas such as learning, memory, cognition, motivation, perception and development, as well as social, abnormal, personality and physiological psychology. In each section, students receive experimental credit for research activities. A prerequisite for all other psychology courses.

Credit Hours
1

PSY-211 Psychology Colloquium

Course Description
The purpose of this course is to foster community, collaboration, and curiosity about diverse areas of research and professional paths in psychology. Students will learn about research being conducted by faculty and students in the psychology department, in addition to hearing talks from guest speakers and alumni. We will also have workshops to help students navigate courses in the department and prepare for their next steps after college.

Credit Hours
0.25

PSY-249 Research Mentorship

Course Description
Direct supervised experience in psychological research. The student will take on responsibilities such as data coding, data entry, setting up appointments for data collection, collecting data from participants and library work. The student will spend approximately four hours per week for half credit and eight hours per week for full credit over a 15-week term. Guidelines for this course are available from the department secretary, the psychology faculty and the psychology department web page. Repeatable for credit. Pass/No Pass grading. Prerequisites: PSY 210, major in psychology, and consent of instructor and department chair.

Credit Hours
0.25

PSY-250 Careers in Psychology

Course Description
This course is an exploration of the many career paths in psychology, both for those planning for graduate programs, as well as those seeking employment and training experiences directly after the bachelor's degree. Students will have the opportunity to explore the applied fields of psychology such as clinical/counseling/social work, school, industrial/organizational, and forensic psychology across various workplace settings including hospitals, social/human service agencies, military, criminal justice, academia, business and industry, public health, and public policy organizations. Strategies for developing career paths, applying to graduate and certificate programs, developing gap-year plans, and the importance of internships and volunteer experience are also included. Pass/No Pass grading only.

Credit Hours
0.5

PSY-303 Social Psychology

Course Description
A study of the personal, social, and situational variables that influence the behavior of the individual towards other people. Topics examined include personality judgment, interpersonal attraction, prejudice, attribution theory, helping, aggression, attitude change, obedience, conformity, and group dynamics. Prerequisite: PSY 210.

Credit Hours
1

PSY-311 Educational Psychology

Course Description
An introduction to the psychological principles and theories of human development, learning and motivation in K-12 educational settings. Includes the study of educational research, child and adolscent development, developmentally appropriate and instructional best practices, individual differences, learning environment, and assessment. This course is for non-education majors only. Prerequisite(s): ENG 106, PSY 210 or EDU 104 or SPE 223 and sophomore standing.

Credit Hours
1

PSY-312 Personality Theory & Research

Course Description
The study of classic and contemporary theoretical approaches to personality and related research. Psychoanalytic, trait, cognitive, humanistic and social behaviorist and biological perspectives are surveyed. Prerequisite(s): PSY 210.

Credit Hours
1

PSY-313 Cognitive Neuroscience

Course Description
Introduces and broadly surveys the neural foundations of mental processes and behavior. Topics include learning and memory, perceptions, emotion, language, attention and executive function. Prerequisite: PSY 210.

Credit Hours
1

PSY-314 Psychopharmacology

Course Description
The study of the neurochemical, physiological, and behavioral effects of psychoactive drugs. Topics include pharmacokinetics and pharmacodynamics, the major neurotransmitter systems (catecholamines, serotonin, acetylcholine, and GABA/glutamate), drug addiction and an overview of the main classes of abused drugs (alcohol, opioids, psychostimulants, cannabinoids, and hallucinogens), and symptomology and pharmacotherapy of psychological disorders (affective disorders, anxiety disorders, and schizophrenia).

Credit Hours
1

PSY-315 Lifespan Development

Course Description
Provides an analysis of biological, cognitive, personality, and social development from conception to death. Illustrative topics may include the nature-nurture controversy, attachment, peer relationships, identity, vocations, marriage and parenting, midlife transition, aging, death, and dying. Theoretical models and research methodologies designed to address these issues will be highlighted throughout the course. Recommended for non-majors. Prerequisite: PSY 210.

Credit Hours
1

PSY-317 Child Development

Course Description
The study of child development from conception to puberty. Major processes such as maturation, socialization, cognition, and language acquisition are approached from scientific, theoretical, and applied viewpoints. Prerequisite: PSY 210.

Credit Hours
1

PSY-318 Adolescent Development

Course Description
The study of current theory and research on adolescent development in a number of major areas including biological, psychological- cognitive, and social-cultural. Topics include identity formation, sexuality, and social interactions. Prerequisite: PSY 210.

Credit Hours
1

PSY-319 Adult Development & Aging

Course Description
The study of the processes involved in maturity, marriage, family, occupation, retirement, aging, and death that characterizes the lifespan following adolescence. Emphasis is on the interaction of the psychological, social, and physiological factors in relation to the developmental process. Prerequisite: PSY 210.

Credit Hours
1

PSY-320 Current Applications in Psych

Course Description
This course is the application of psychological theories, procedures, and methods to a variety of current issues, such as cross-cultural psychology, emotional memories, or motivation. Topics are selected based on their applied and theoretical relevance to psychology, as well as their practical importance to a wide range of disciplines. Students are expected to develop projects to explore the application of these topics to real-world psychological problems and issues. Prerequisite: PSY 210. May be repeated for credit.

Credit Hours
1

PSY-320T Sport & Exercise Psychology

Course Description
This course is designed to provide students interested in sport and exercise physiology with an overview of the basic theories and principles essential to understanding the psychological and behavioral aspects of sports and exercise while comparing the US sports industry and the Australian sports industry

Credit Hours
1

PSY-322 Psychology of Religion

Course Description
In this course, we will examine the theories and research on the psychological understanding of religious beliefs and behavior. We will consider the phenomenological, empirical and social psychological perspectives. Topics include intrinsic and extrinsic religious orientation, theories of religion, religion and mental health, religious development, conversion, and religious experience. Prerequisite(s): PSY 210.

Credit Hours
1

PSY-324 Physiological Psychology

Course Description
The study of biochemical and neurophysiological correlates of behavior, including the structural and functional organization of the nervous system, as well as electrical and chemical processes involved in nervous system activity. Topics include sensation, the motor system, sleep, gustation, reproductive behavior, and maladaptive behavior. Prerequisites: two courses in psychology, including PSY 210.

Credit Hours
1

PSY-325 Psychology & Culture

Course Description
An examination of the theories, research, and applications from the fields of cross-cultural psychology, indigenous psychology, cultural psychology, ethnic psychology, and psychological anthropology. Students will analyze, synthesize, and articulate an intercultural perspective on psychological processes and functioning through exploring their own and dominant U.S. cultural backgrounds, interviewing others with cross-cultural or intercultural experiences, making comparisons using a broad definition of culture, and reading about psychological research of cultures other than their own. Students will be encouraged to raise questions about mainstream psychological knowledge and their knowledge of self and self-culture in order to increase awareness, tolerance, acceptance, understanding, sensitivity, adaptation to, respect, and contextual evaluation of cultural diversity. Prerequisite: PSY 210.

Credit Hours
1

PSY-326 Industrial & Organizational Psychology

Course Description
An introduction to the principles and methods of psychology as applied to problems of business, industrial, and other types of organizations. Topics include leadership, motivation, group leadership, personnel decisions, training, job analysis, design, evaluation, and satisfaction. Prerequisites: PSY 210

Credit Hours
1

PSY-327 Psychopathology

Course Description
An introduction to the study of maladaptive behavior. Topics include the diagnosis, assessment, classification, and treatment of these disorders. An overview of the application of basic psychological theories and normal stress responses will be covered. Prerequisite: PSY 210.

Credit Hours
1

PSY-328 Clinical & Counseling Psychology

Course Description
Introduces the theories and research of treatments of adjustment and maladaptive behaviors. Topics include assessment, treatment approaches and the evaluation of treatments, the role of the therapist, and social systems of treatment. It is recommended that PSY 312 or 327 be taken prior to this course. Prerequisite: PSY 210.

Credit Hours
1

PSY-330 Cognitive Psychology

Course Description
Human behavior is viewed as the result of the processing of environmental information. The aim of the course is to understand the underlying mechanisms by which humans process this information. Topics include memory, decision making, perception, attention, comprehension, problem solving and reasoning. Prerequisite: PSY 210.

Credit Hours
1

PSY-333 Psychology of Human Sexuality

Course Description
This course is an examination of human sexuality and sexual behavior from a biopsychosocial perspective. Sexuality is an intentionally broad term, containing influences from biological sexual characteristics, cultural background, gender identification, and sexual orientation. A primary focus of the course is understanding, exploring, and contextualizing the diversity of expression was seen for each of these influences. Further, much of the course will center on understanding how each of these influences all converge to create an identity and also affect sexual response. Controversial topics covered typically include abortion, contraception, the impact of HIV/AIDS, the intersection of sexuality and mental healthcare, the LGBTQ+ experience, sex work, and sexual subcultures, among others. There

is emphasis on understanding sexuality and discussing these controversial topics through relying on contemporary empirical literature and methodology. Prerequisite PSY 210.

Credit Hours
1

PSY-348 Health Psychology

Course Description
The focus of health psychology is the prevention of physical and emotional factors that may compromise a person's health. This course will introduce theory and research on the interdependence between physical health, behavior and cognitive processes. Health psychology emerged as a discipline in 1977, and together with the area of behavioral medicine uses behavioral principles in the assessment and treatment of individuals with a medical diagnosis. Prerequisite(s): PSY 210.

Credit Hours
1

PSY-349 Research Mentorship

Course Description
See PSY 249. Student's responsibilities of the increase as their experience warrants. Repeatable for credit. Pass/No Pass grading. Prerequisites: PSY 210 and consent of instructor and department chair.

Credit Hours
0.25

PSY-355 Statistics for Scientific Research

Course Description
Introduction to the principles of experimentation, experimental design, hypothesis testing and statistical analysis. Topics covered include scales of measurement, validity and reliability, experimental and non-experimental designs, descriptive statistics, sampling theory, correlation and regression, t-tests, confidence intervals, chi-square tests and analysis of variance. Students will use SPSS software for creating files and performing data analysis. Prerequisite(s): PSY 210. Meets the statistics requirement for the psychology major, as does MTH 345 or MTH 346. Not open to students who have taken MTH 345 or MTH 346. Counts as credit toward a B.S. degree.

Credit Hours
1

PSY-356 Research Methods in Psychology

Course Description
The nature and methods of inquiry into human and animal behavior is examined through the design and implementation of psychological research. Topics include descriptive and experimental methods, analysis and interpretation of research data, and ethical issues in research. Some focus on the use of SPSS software. All students design and conduct a study as a psychology laboratory experience outside of class meetings. Prerequisites: PSY 210 & PSY 355/MTH 345/MTH 346.

Credit Hours
1

PSY-368 Field Experience in Psy

Course Description
See PSY 268. Repeatable for credit, junior/senior standing only.

Credit Hours
0.5

PSY-422 Psychological Testing

Course Description
Survey course of the history, utility, ethics, and practical applications of psychological testing. The course will addresss concepts of standardization, reliability and validity and introduce commonly used tests of intelligence, personality, aptitude and interests. Students will also learn about standards for educational and psychological testing and complete an assessment project. Prerequisites: PSY 210 and PSY 355/MTH 345.

Credit Hours
1

PSY-424 Physiological Psychology

Course Description
The study of biochemical and neurophysiological correlates of behavior, including the structural and functional organization of the nervous system, as well as electrical and chemical processes involved in nervous system activity. Topics include sensation, the motor system, sleep, gustation, reproductive behavior, and maladaptive behavior. Prerequisites: two courses in psychology, including PSY 210.

Credit Hours
1

PSY-427 Child Psychopathology

Course Description
This course provides an introduction to the field of child psychopathology. The symptom presentation, etiology, and development trajectories of psychological disorders affecting children and adolescents will be covered. Prerequisites: PSY 356 and PSY 327 or permission of the instructor.

Credit Hours
1

PSY-428 Intro to Applied Behavior Analysis

Course Description
This course will cover the basic conceptual, experimental, and clinical applications of behavior analysis. As the range of the field is expanding, it has become increasingly paramount that qualified individuals are delivering these services. Students will learn how to use this technology of teaching with children with autism, other applications with various diagnoses (brain injury, psychiatric disorders, etc.) and professional applications in business and culture.

Credit Hours
1

PSY-449 Research Mentorship

Course Description
Half or full course See PSY 349. Pass/No Pass grading. Prerequisite: PSY 349, PSY 355/MTH 345, and PSY 356 and consent of the instructor.

Credit Hours
0.5

PSY-492 Readings in Psychology

Course Description
For students who plan to take advanced work in psychology and who want additional preparation in special areas. Students initiate contact with a psychology professor or the department chair to identify a topic and preliminary readings. The student and the professor then work together to craft a proposal specifying the topic, key words and areas for further reading; a method for communicating the learning, such as a paper or a presentation at a student research conference; and a timeline for the process. Guidelines for this course are available from the department secretary, the psychology faculty and on the psychology department web page. Repeatable for credit. Proposal and permission of the supervising faculty member and department chair are required prior to registration. Prerequisites: PSY 210, PSY 355/MTH 345 and PSY 356.

Credit Hours
0.25

PSY-495 Honors Independent Research

Course Description
This course gives Honors Program students the opportunity to design and implement a significant research project in the field of psychology, culminating in an appropriate public dissemination of research methods and findings. This research must build upon previous coursework taken within the major or minor, facilitating faculty supervision and guidance. Repeatable for credit. Permission of the faculty supervisor and the director of the Honors Program required prior to registration.

Credit Hours
0.5

PSY-496 Senior Capstone Seminar

Course Description
An advanced seminar with varying topics that change each term. The seminars are led each term by a different full-time faculty member of the department. The emphasis is on complex issues in psychology and the use of primary sources. A major requirement of the seminar is to write an APA-style review paper that critiques, analyzes and synthesizes the extant literature related to the topic of the seminar. In addition, students are required to complete the Major Field Test in Psychology. Prerequisites: senior standing, PSY 210, PSY 355/MTH 345 and PSY 356. Maybe repeated for credit with permission from the Department Chair.

Credit Hours
1

PSY-498 Sr Capstone Independent Stdy

Course Description
Students will develop an extensive literature review on a topic in the psychology of their choosing. They will then write an APA-style review paper that critiques, analyzes and synthesizes the extant literature related to their topic. A brief proposal with a reading list and permission of the supervising faculty member and department chair are required prior to registration. Prerequisites: Senior Standing, PSY 210, PSY 355/MTH 345, and PSY 356, PSY 492 Readings in Psychology (for developing the proposal).

Credit Hours
0.5

PSY-501 FoundationsInd/Org Psychology

Course Description
An overview of foundational aspects of the field in industrial/organizational psychology through the lens of the scientist/practitioner model. Ethical guidelines and legal issues that affect the profession will be discussed. Other

topics of I/O psychology will also be discussed. Students will analyze and design presentations and discuss research reports, case studies, and application readings

Credit Hours
0.5

PSY-511 Research Methods in I/O Psychology

Course Description
This course presents problem-solving research methods currently used in I/O psychology. The topic areas include ethics in research, issues of validity, proper use of research designs, and evidence-based practice. Coursework relies heavily on analysis of articles published in I/O psychology. This course is designed to be a companion course to Statistical Analysis in Industrial/Organizational Psychology.

Credit Hours
0.5

PSY-512 Statistical Analysis I/O Psychology

Course Description
The course presents the descriptive and inferential statistical techniques for problem-solving and decision making used in I/O applications. Students will apply these statistics using computer programs designed to fulfill the needs of an I/O practitioner. The course will focus on statistics up to and including multiple regression. Students will gain familiarity with a number of multivariate methods. This last feature is to insure that students can interpret the more complex research literature in the I/O field. This course complements the Research Methods in Industrial/Organizational Psychology course of this program and builds on the prerequisite of undergraduate statistics.

Credit Hours
1

PSY-517 Small Group Theory and Process

Course Description
Small group theory, research, and practice will be closely examined and evaluated for the purpose of understanding and improving students' ability to interact in work groups. Group activities in class will focus on problem-solving and simulation of workplace situations. Topics to be covered include: group leadership, power, conformity, conflict resolution, and group decision-making.

Credit Hours
0.5

PSY-520 Employee Selection Procedures

Course Description
This course acquaints students with the wide variety of selection procedures used to assess individuals for hiring, promotion and other employment decisions. The course examines the lawful, ethical, and professional basis of such procedures as interviews, ability tests, personality inventories, and other less structured methods. Each method will be examined by exploring recent research and the evidence for reliability and validity. Students will learn decision theory and apply this theory to simulations consisting of data sets from actual organizations.

Credit Hours
1

PSY-521 Job Analysis & Performance Management

Course Description
This course focuses on criterion theory, which is the framework for developing standards used to indicate the effectiveness of individuals, groups, and organizations. To do this, students will acquire an understanding of the techniques that identify the tasks performed and the knowledges, abilities and skills of successful job performance. These techniques of job analysis and competency modeling form the bedrock of all I/O interventions. Performance appraisal, which examines the methods of constructing and evaluating various scales for measuring work performance, will also be presented.

Credit Hours
1

PSY-523 Training: Theory, Design, & Evaluation

Course Description
This course provides an examination of the design and implementation of effective training programs in organizations. It addresses critical areas such as needs analyses of the organization, the job, and the individuals performing the job. Students will learn and apply modern learning theories and principles of adult learning. Also, they will develop their ability to assess the ethicality and effectiveness of training, especially the transfer of training to the workplace. Examples of actual training programs will be examined by student work teams.

Credit Hours
0.5

PSY-527 Measurement & Assessment in I/O Psych

Course Description
This course will cover a variety of methods of measurements, including the development and use of questionnaires and surveys. Students will also evaluate standards of psychological testing that are the foundation for the ethical and professional assessment of individual difference through existing tests, as well as, the evaluation of emerging testing methodologies.

Credit Hours
1

PSY-530 Organizational Theory

Course Description
This course focuses on the joint influence of organizations and individuals. It will examine the structures and social systems of organizations through current theories and case studies. Topics will include: organizational power and politics, organizational roles and norms, and policy formation. Emphasis will be placed on the topic of organizational justice or the fair treatment of employees in organizations.

Credit Hours
0.5

PSY-531 Organizational Development

Course Description
An examination of the theories, research, impact, and practice of organizational change, particularly the effects of such changes on employees. Students will gain experience at formulating change strategies through work with case studies and research reports.

Credit Hours
0.5

PSY-539 Work Motivation

Course Description
This course will review theories of work motivation including need-motive-value theories that focus on person-based determinants of behavior, cognitive choice research such as expectancy-value approaches, and self-regulation approaches that include areas of goal setting and social learning. The course will emphasize the integration and application of these theories.

Credit Hours
0.5

PSY-540 Adv Topics in Industrial/Org Psychology

Course Description
An advanced seminar course designed to address a specific current topic in I/O Psychology. The topic will vary each year based on student input and faculty experience/knowledge.

Credit Hours
0.5

PSY-580 I/O Graduate Capstone

Course Description
This course fulfills the final requirement of the graduate program. Students must engage in either an applied or research-oriented project in I/O psychology. The project may be a single project for the class, several team projects or individual projects. Students are expected to utilize the literature base from the coursework as well as seek out new information as needed. Students will study cases of problems in organizations and develop solutions based on science.

Credit Hours
1

PSY-590 Intern/Exprntl Comp-Proposal

Course Description
This course is the nexus of the program. Students will work interactively with the faculty and the internship organization to choose a topic area that is acceptable to all concerned. Three alternatives are available to students: 1) internship in a new organization, 2) intern project in a current work setting, and 3) intern project with work brought to Elmhurst by I/O faculty. Students will prepare a proposal and submit it to the Department of Psychology for approval. When the project is completed, students will submit a manuscript suitable for a departmental symposium. More information, including the criteria for evaluation, is available from the program director.

Credit Hours
0.25

PSY-591 Intern/ExprntlCom-Experience

Course Description
This course is the nexus of the program. Students will work interactively with the faculty and the internship organization to choose a topic area that is acceptable to all concerned. Three alternatives are available to students: 1) internship in a new organization, 2) intern project in a current work setting, and 3) intern project with work brought to Elmhurst by I/O faculty. Students will prepare a proposal and submit it to the Department of Psychology for approval. When the project is completed, students will submit a manuscript suitable for a departmental symposium. More information, including the criteria for evaluation, is available from the program director.

Credit Hours
0.25

PSY-592 Intern/ExprntlCom-FinalPaper

Course Description
This course is the nexus of the program. Students will work interactively with the faculty and the internship organization to choose a topic area that is acceptable to all concerned. Three alternatives are available to students: 1) internship in a new organization, 2) intern project in a current work setting, and 3) intern project with work brought to Elmhurst by I/O faculty. Students will prepare a proposal and submit it to the Department of Psychology for approval. When the project is completed, students will submit a manuscript suitable for a departmental symposium. More information, including the criteria for evaluation, is available from the program director.

Credit Hours
0.25

PSY-593 Intern/ExprntlCom-Presentatn

Course Description
This course is the nexus of the program. Students will work interactively with the faculty and the internship organization to choose a topic area that is acceptable to all concerned. Three alternatives are available to students: 1) internship in a new organization, 2) intern project in a current work setting, and 3) intern project with work brought to Elmhurst by I/O faculty. Students will prepare a proposal and submit it to the Department of Psychology for approval. When the project is completed, students will submit a manuscript suitable for a departmental symposium. More information, including the criteria for evaluation, is available from the program director.

Credit Hours
0.25

PSY-599 Thesis

Course Description
Optional Although this program is designed for students desiring I/O practitioner oriented training, it is possible to go from this program into doctoral training if the student does an original research thesis. I/O psychology is a field of applied psychology, even at the doctoral level; therefore, this would be the only accommodation needed for students desiring post-masters education. Thesis completion is in addition to all other course work requirements.

Credit Hours
1

RAD-101 Intro to Radiography & Medical Imaging

Course Description
This course introduces the art and science of radiography and medical imaging. Included is a discussion of the history of radiology, basic radiation safety and protection, imaging terminology, and an introduction to exposure factors and image formation.

Credit Hours
0.75

RAD-102 Patient Care in Medical Imaging

Course Description
This course will present patient care techniques related to the medical imaging environment. Topics presented include sterile and aseptic technique, standard precautions, venipuncture, patient transfer, care of medical equipment, infection control, patient communication, and monitoring & recording of vital signs.

Credit Hours
0.75

RAD-104 Imaging Principles I

Course Description
Examines the factors controlling and influencing the production of radiographic images. Exercises will be incorporated to demonstrate application of theoretical principles and concepts. Topics include beam filtration, beam restriction, computed and digital image receptors and image formation, technical factor selection and manipulation, and radiographic grids. Emphasis will be placed on methods of improving radiographic image quality, while emphasizing patient and technologist radiation protection.

Credit Hours
1.25

RAD-105 Radiographic Procedures I

Course Description
Examines the radiographic anatomy and positioning skills required to perform radiographic procedures of the human body. Specific areas presented include positioning and procedures of the chest and abdomen. Emphasis will be placed on the production of quality images while minimizing radiation exposure to the patient. Laboratory exercises will demonstrate the application of theoretical principles and concepts, while reinforcing didactic lecture content. Commonly-encountered pathological conditions of the abdomen and respiratory system will be examined.

Credit Hours
1

RAD-107 Radiation Physics

Course Description
This course introduces the basic concepts of physics and emphasizes the fundamentals of x-ray generation. Topics include atomic structure, the structure of matter, ionization, magnetism & electromagnetism, electrodynamics, the control and production of high voltage and rectification, x-ray tubes, x-ray circuits, and the production & characteristics of ionizing radiation.

Credit Hours
0.75

RAD-108 Medical Law & Ethics

Course Description
This course examines the medicolegal issues in patient care and medical imaging. Professional ethics and ethical dilemmas will also be included. Additional topics include confidentiality, HIPPA, the elements of informed consent, and the legal system. The imaging Standard of Care, and elements of a negligence suit are included in this course.

Credit Hours
0.25

RAD-109 Operationl Issues in the Healthcare Env

Course Description
This course covers a variety of topics related to the operational aspects of medical imaging facilities. Issues presented address continuous quality improvement, human resources and employment law, finance and budgeting. Discussion will also center on topics related to healthcare delivery, hospital organization, and reimbursement / payment options for healthcare services.

Credit Hours
0.25

RAD-204 Imaging Principles II

Course Description
This course is designed as a continuation of RAD 104. Course focus will be on continued knowledge development of the factors governing and influencing the production of the quality radiographic images. Topics include technique charts and technique adjustments for pathology, quality assurance (QA) and quality control (QC), causes of poor image quality, and improvement of sub-optimal images. Additional content will include the x-ray tube, the anode heel effect and line focus principle and analog image receptors. The terminal factor competency exam will be administered at the end of the course.

Credit Hours
1

RAD-205 Radiographic Procedures II

Course Description
Examines radiographic anatomy and positioning skills required to perform radiographic procedures of the upper extremity. Emphasis will be placed on the production of quality images while minimizing radiation exposure to the patient. Laboratory exercises will demonstrate the application of theoretical principles and concepts and reinforce didactic lecture content. Commonly-encountered pathological conditions of the skeletal system will be examined.

Credit Hours
1

RAD-206 Radiographic Procedures III

Course Description
Presents radiographic anatomy and positioning skills required to perform radiographic procedures of the lower extremities and pelvic girdle. Emphasis will be placed on the production of quality images while minimizing radiation exposure to the patient. Laboratory exercises will demonstrate the application of theoretical principles and concepts and reinforce didactic lecture content. Commonly-encountered pathological conditions will be examined.

Credit Hours
1

RAD-207 Introduction to CT & Sectional Anatomy

Course Description
This course is designed to present an overview of CT Scanning, CT equipment, and cross-sectional anatomy. Specific topics include CT physics & instrumentation, image production, and cross-sectional anatomy of the head, neck, thorax, abdomen and pelvis. Emphasis will be placed on patient imaging considerations, patient safety, and radiation protection.

Credit Hours
0.5

RAD-210 Radiation Biology & Protection

Course Description
This course provides instruction on the principles of interaction between radiation and human cells. Cellular and biological response to irradiation are presented including acute and chronic effects of exposure. Other topics include: radiation detection and measurement, patient and personnel protection, calculating dose equivalencies, agencies and regulations, and cellular anatomy.

Credit Hours
0.75

RAD-211 Imaging Modalities & Equipment

Course Description
This course is designed to provide an in-depth look at the equipment utilized in imaging and the advanced modalities. Topics include: radiography quality assurance (QA) and quality control (QC), image intensified fluoroscopy, specialized imaging equipment and film sensitometry. An overview of the advanced modalities including mammography, interventional radiology, nuclear medicine and bone mineral densitometry are included.

Credit Hours
0.75

RAD-212 ARRT Review

Course Description
This course is offered during the final two quarters of the program and is designed to review the materials presented throughout the curriculum. The intent of this course is to prepare the student for the radiography certification examination administered by the American Registry of Radiologic Technologists (ARRT).

Credit Hours
1.75

RAD-215 Radiographic Procedures IV

Course Description
Presents the radiographic anatomy and positioning skills required to perform radiographic procedures of the bony thorax and spinal column. Emphasis will be placed on the production of quality images while minimizing radiation exposure to the patient. Laboratory exercises will demonstrate the application of theoretical principles and concepts and reinforce didactic lecture content. Commonly-encountered pathological conditions will be examined.

Credit Hours
1

RAD-216 Radiographic Procedures V

Course Description
Presents the radiographic anatomy and positioning skills required to perform radiographic procedures of the cranium and related examinations. Emphasis will be placed on the production of quality images while minimizing radiation exposure to the patient. Laboratory exercises will demonstrate the application of theoretical principles and concepts and reinforce didactic lecture content. Commonly-encountered pathological conditions will be examined.

Credit Hours
1

RAD-218 Fluoroscopic Procedures I

Course Description
Routine fluoroscopic procedures will be the focus of this course. Procedures of the upper and lower gastrointestinal systems are presented along with radiographic anatomy and positioning. Emphasis will be placed on obtaining quality images while reducing patient radiation exposure. Personnel and patient radiation safety measures are also be included.

Credit Hours
0.25

RAD-219 Fluoroscopic Procedures II

Course Description
Routine fluoroscopic procedures of the biliary, reproductive and urinary systems are presented along with arthrography and myelography. Emphasis will be placed on obtaining diagnostic-quality images while reducing patient radiation exposure. Personnel radiation safety measures will also be included.

Credit Hours
0.5

RAD-220 Radiographic Pathology

Course Description
Commonly-encountered pathological conditions will be discussed as they present radiographically. Emphasis will include appropriate technical factor adjustments to compensate for additive and destructive disease processes.

Credit Hours
0.5

RAD-301 Radiography Clinical I

Course Description
This is the first of a sequence of seven clinical courses designed to introduce students to the hospital clinical setting and provides an opportunity for students to participate in and observe radiographic procedures. Students will complete general patient care competencies during this course and begin completing clinical competencies related to the chest and abdomen. In addition to ancillary support areas, students will rotate through various aspects of the radiology department. Students will perform under direct supervision until procedural competencies have been successfully completed.

Credit Hours
0.25

RAD-302 Radiography Clinical II

Course Description
This course is designed as a continuation of RAD 301. During this course, students will continue to rotate through various areas of the radiology department and begin completing additional clinical competencies related to routine contrast procedures, mobile examinations, upper extremities, and operating room procedures. Students will begin surgical suite rotations. Students will perform under direct supervision until procedural competencies have been successfully completed.

Credit Hours
0.5

RAD-303 Radiography Clinical III

Course Description
Designed as a continuation of RAD 302, students will continue to perform under direct supervision until clinical competencies have been completed. Additional clinical competencies will be obtained on routine upper and lower extremities procedures. Students will continue to perform routine and mobile procedures.

Credit Hours
0.5

RAD-304 Radiography Clinical IV

Course Description
Students will continue to rotate through various areas of the radiology department. Students will perform procedures under direct supervision until clinical competency is attained. Additional clinical competencies will be obtained on routine pelvis girdle, bony thorax, and spine procedures. Participants will continue obtaining clinical competencies during clinical rotations.

Credit Hours
0.75

RAD-305 Radiography Clinical V

Course Description
Students will continue clinical rotations with a focus on completing clinical procedural competencies related to the spine, skull, facial bones, and trauma. Students begin rotating through special procedures remaining under direct supervision at all times. Students will begin modality (observation) rotations during this course.

Credit Hours
0.75

RAD-306 Radiography Clinical VI

Course Description
This course continues to provide a hospital setting in which students continue to develop proficiency levels in skills introduced in previous Radiographic Procedures courses and practiced in previous clinical radiography courses. Students will also rotate through modalities in order to gain knowledge of other aspects of medical imaging. Execution of radiographic procedures will be conducted under direct and indirect supervision.

Credit Hours
0.75

RAD-307 Radiography Clinical VII

Course Description
Students must complete any remaining clinical procedural and general patient care competencies during this clinical course. Students will be rotated through areas where competencies are still needed. The focus of this clinical course will be for students to further develop their clinical skills in preparation for an entry-level position as a radiographer upon program completion.

Credit Hours
0.75

REL-200 Introduction to Biblical Studies

Course Description
The Bible is studied in the light of modern scholarship with an eye toward its relationship to the contemporary world and the issues arising out of modern culture. The department recommends but does not require, that students complete REL 200 prior to REL 302, 305, 306, 307, 314, or 319.

Credit Hours
1

REL-205 The Bible as Literature

Course Description
This course will critically examine the numerous types of literature in the Bible and the techniques of its composers-both narrative and poetry broadly, and their more specific genres-from short stories, creation myths, lyrical songs, lyrical prophecy, love lyrics and proverbs to the genres of gospels and epistles. The fruits of scholarship from a range of literary methods will be examined-from the history of the texts in original languages (text criticism), translation studies, new literary and narrative criticism, poetics, to feminist, crosscultural and postcolonial literary theory. Important building blocks and artistry of narrative, as well as of poetry (metaphor, repetition, sound play, parallelism), will be analyzed to produce meanings and values. The course will set forth the biblical literary traditions and innovations from predominantly oral cultures across 2,000 years that, once written, have come to influence later cultures as well, attending also to a sampling of the reception history of biblical texts, not only in later literature and authors, but also in film, music and art.

Credit Hours
1

REL-230 Christian Social Ethics

Course Description
A study of selected contemporary moral problems such as racism, poverty and hunger, war and peace, and sexual and familial relationships. An examination of the moral adequacies of fundamental Christian convictions.

Credit Hours
1

REL-240 World Religions:Gen Intro

Course Description
An exploration of the major religious traditions of East and West, including Buddhism, Christianity, Hinduism, Islam, and Judaism.

Credit Hours
1

REL-241 Introduction to Judaism

Course Description
This course is an introduction to Judaism, beginning with the origins of early Hebrew and Israelite religion in the ancient Near Eastern context, moving to post-exilic Judaism, and concluding with the contemporary period. Primary texts will be studied, as well as key events and figures in the history of Judaism. Attention will be given to contemporary segments of Judaism in the United States, such as Orthodox, Conservative and Reform traditions.

Credit Hours
1

REL-242 IssuesInIslam:Gender,Politics&HumnRight

Course Description
Through compelling contemporary issues, this course will trace the development of Islam from its early days as a small struggling community to a religious and cultural superpower. It will feature a variety of practices of Muslim communities and explore Islamic law, theology, and spirituality. Special attention will be given to the contemporary expressions and contributions of Islam.

Credit Hours
1

REL-244 Understanding the Qur'an

Course Description
This course is a comprehensive introduction to the language, literary genres, social context, interpretive schools of thought, and themes of the Qur'an--the heart of Islamic devotion, worship, personal decisions, and public life. Students will explore the origin, evolution, and compilation of the Qur'an, as well as historical and contemporary exegetical methods that Muslims have applied to interpret the text as they learn to understand and interpret the Qur'an for themselves.

Credit Hours
1

REL-252 Movies and God

Course Description
The third-century theologian Tertullian once asked the question: "What has Jerusalem to do with Hollywood?" Art forms and entertainment media help shape and are shaped by popular culture and opinion. This course will examine how films convey religious motifs to viewers. Through class discussion and short written assignments, students will begin to appreciate how movies communicate their own interpretations of the sacred and are commentaries on religious values in society. Upon request and January Term.

Credit Hours
1

REL-268 Internship

Course Description
Internships are intended to provide supervised, hands-on, work-related experience in religious institutions, in religiously sponsored organizations, or in jobs underwritten by religious bodies in independent secular institutions. Students may take their internship for credit as an elective or as part of their major or minor in the department. Inquiries should be made to the full-time faculty of the department in the term preceding the anticipated internship. Registration for internships must receive departmental approval. Repeatable for credit.

Credit Hours
0.5

REL-292 Independent Study

Course Description
Students may pursue their special interests on an individual basis by making arrangements with a professor of the department. Repeatable for credit. Consent of the department chair is required.

Credit Hours
0.25

REL-302 Biblical Prophets and Current Context

Course Description
This course offers a critical analysis of the literature and contexts of the biblical Hebrew Prophets in light of biographical data and historical, literary/rhetorical, and oral poetic scholarship of prophecy (by men and women) in Ancient Near Eastern cultures. The course will examine the central concerns of biblical prophets, such as monotheism and social justice. The course will consider as well some historic and contemporary connections with the biblical prophetic traditions.

Credit Hours
1

REL-305 Visions, Revolts, & Messiahs

Course Description
A survey of Judaism from the Babylonian exile through the rise of the rabbis (515 BCE - 70 CE). The course will include a critical reading of historical and literary sources from the Bible, Apocrypha, Pseudepigrapha, the Dead Sea Scrolls, and Josephus.

Credit Hours
1

REL-306 Story Jesus:Synoptic Gospels

Course Description
A study of Matthew, Mark, and Luke-Acts and the multicultural and historical settings in which they were composed and to which they were addressed. The gospel documents will be examined with the aid of the tools of modern critical biblical study. The course will also address similar gospels excluded from the canon.

Credit Hours
1

REL-307 Paul the Apostle:his Letters and Thought

Course Description
An introduction to the content and background of the letters attributed to Paul. Emphasis will be placed on the literary structure and rhetorical strategy of his letters, and the specific issues addressed in each of his letters. Particular attention will be given to the social context of each of Paul's Christian communities and how this affects his strategy in addressing the social and theological issues that arose among them.

Credit Hours
1

REL-314 Feminist Biblical Interpretations

Course Description
This course is a critical analysis of women figures in biblical texts and contexts, using historical, anthropological, sociological, feminist, literary, and theological methodologies. Students will gain the skills necessary to interpret biblical stories of women in light of the contexts of the times, in ancient Israel and 1st-2nd century Palestine and nearby areas in the New Testament period.

Credit Hours
1

REL-319 Biblical Theology

Course Description
An in-depth examination of the theological diversity and unity of the various perspectives represented in the Old and New Testaments.

Credit Hours
1

REL-320 Emergence of Christian Thght

Course Description
Traces the historical development of crucial Christian doctrines including the Trinity, the two natures of Christ, and original sin in the early Christian centuries together with the medieval and Reformation development and modification of these doctrines. The contemporary relevance of the Christian tradition is emphasized.

Credit Hours
1

REL-321 Mod & Contemp Christn Thght

Course Description
Examines the theological Renaissance of the 20th century as it was formulated in the thought of such seminal figures as Barth, Bultmann, Brunner, Tillich, the Niebuhrs, and Bonhoeffer, and the impact of these figures on contemporary Christianity.

Credit Hours
1

REL-324 The Problem of God

Course Description
The topic of this course is "God" in recent Western intellectual history. More precisely, this course will address how people have talked about God and how that discourse has evolved. Religious conceptions of God will be examined in their historical, social, and theological contest. This course will examine a broad array of perspectives from Reinhold Niebuhr's "Does Civilization Need Religion?" to the modern secular fundamentalists. By the end of the nineteenth century, many prominent intellectual and social figures abandoned Christianity, and society became increasingly secularized. The secularization hypothesis will be critically analyzed within its theological, historical, and cultural context. Key representatives of "the history of unbelief" will be surveyed, including Auguste Comte, Ludwig Feuerbach, David Strauss, and Richard Dawkins.

Credit Hours
1

REL-332 Rel Ethics & Health Care

Course Description
Theological reflection on ethical norms and selected issues in health care. Study of the biblical and theological grounding of human values and attention to secular sources of morality enable students to articulate their own positions. Issues addressed include informed consent, research on human subjects, abortion, genetics, death and suffering, euthanasia and physician-assisted death, HIV/AIDS, and health care delivery and its reform.

Credit Hours
1

REL-343 Islamic Mysticism

Course Description
A study of the Islamic mystical tradition and one of the most popular poets in America, Jalal al-Din Muhammad Rumi (1207-1273). Within the context of Islamic mysticism, students will analyze his world, life, poetic works, and significance for the fields of religion and cultural studies. Rumi was an Islamic scholar and mystic whose influence transcends religious and national boundaries. Most famous for his magnum opus, the Masnavi (nicknamed "the Koran in Persian"), Rumi was a spiritual guide whose teachings have inspired countless individuals, powerful socio-political movements, and numerous religious groups such as the Mevlevi Sufi Order of whirling dervishes.

Credit Hours
1

REL-344 Religious Classics

Course Description
The course investigates literary expressions of religious life from diverse cultures focusing on questions of meaning and goals in life rather than doctrinal propositions. Some examples of texts to be studied include: Gilgamesh, Bhagavad Gita, Tao Te Ching, Aeschylus' Prometheus Bound, The Book of Job, Augustine's Confessions, Echkart's Sermons, Luther's On Christian Liberty, Teresa of Avila's Interior Castle, Thomas Merton's New Seeds of Contemplation, Julian of Norwich, Hesse's Siddhartha, Martin Luther King's Strength to Love, etc.

Credit Hours
1

REL-346 African Amer Rel Traditions

Course Description
This course introduces students to and leads them in a critical examination of the important richness and complexities of African American religious traditions as they bear on the religious, sociopolitical, and cultural expressions and experiences in America today. Close attention will be given to contemporary issues and options as they are seized and exemplified among various religious movements such as the Black Muslims, Black Judaism, Afro-Centric Christianity, and the return to African religions.

Credit Hours
1

REL-350 Religion in America

Course Description
A historical introduction to religion in American culture highlighting the roots of American religiosity, the variety of religious communities, the distinctive features of American Christianity, religious pluralism, and the relation of church and state.

Credit Hours
1

REL-363 Special Tpcs in Religious Studies

Course Description
The theological study of subjects, not a part of the regular department offerings. Topics will vary from term to term. Unless explicitly specified, these courses will not satisfy any integrated curriculum requirement but may satisfy the department requirements for the major or minor. Repeatable for credit.

Credit Hours
1

REL-368 Internship

Course Description
Half, full or one and one-half courses. Internships are intended to provide supervised, hands-on, work-related experience in possible career paths in religious institutions, in religiously sponsored organizations, or jobs underwritten by religious bodies in independent secular institutions. Students may take their internship for credit as an elective or as part of their major or minor in the department. Inquiries should be made to the full-time faculty of the department in the term preceding the anticipated internship. Registration for internships must receive departmental approval. Prerequisite or concurrent enrollment: REL 280 or REL 281.

Credit Hours
0.5

REL-430 Seminar on the Niebuhrs

Course Description
A reading seminar that examines selected writings of Elmhurst alumni Reinhold and H. Richard Niebuhr and their older sister Hulda. Known for their contribution on a range of topics from Prohibition to the Allied bombing of Germany, Civil Rights, apartheid in South Africa, and the Vietnam War, the Niebuhrs were among the most prominent public intellectuals of the 20th century and the influence of their writings is still present today. Leaders and thinkers like Martin Luther King Jr., Jimmy Carter, and Barack Obama were influenced by texts covered in this course. This seminar addresses questions on how to act ethically, what role, if any, religion has today, and how are social, economic, and political realities related to the world of meaning and purpose.

Credit Hours
1

REL-490 Senior Seminar

Course Description
Religious Studies Senior Seminar exposes students to a series of relevant and influential topics and texts reflecting the diversity and dynamism of religious studies and provides a forum for in-depth analysis and debate. Senior Seminar is required of all departmental majors and is open to all students who have successfully completed at least three courses in religious studies.

Credit Hours
1

REL-495 Honors Independent Research

Course Description
This course gives Honors Program students the opportunity to design and implement a significant research project in the field of theology and religion, culminating in an appropriate public dissemination of research methods and findings. This research must build upon previous coursework taken within the major or minor, facilitating faculty supervision and guidance. Repeatable for credit. Permission of the faculty supervisor and the director of the Honors Program required prior to registration.

Credit Hours
0.5

RT-328 Medical Terminology-Radiatn Therapy

Course Description
Self-study course designed to introduce terms related to medical science, hospital services, medical specialties such as pathology and radiology, and abbreviations used in medicine. Content emphasizes those medical roots and terms needed for coherent comprehension of clinical information, including their spelling and pronunciation.

Credit Hours
0.25

RT-329 Introduction to Clinical Education

Course Description
This course is designed to introduce students to clinical education via simulated labs and the first exposure to clinical experience.

Credit Hours
0.5

RT-330 Intro to Radiation Therapy

Course Description
This course introduces the student to the field of radiation therapy with emphasis on the principles of terminology and history, as well as an orientation to clinical practices within NMH and its affiliates. Topics also include basic safety and behavioral/attitudinal expectations of the student in clinical practice. Concepts of ethics, legal responsibility, and cultural awareness are also addressed to provide a foundation prior to students beginning clinical practice

Credit Hours
0.25

RT-331 Prin&Pract RadiatnTherapy I

Course Description
Content is designed to provide an overview of cancer and the specialty of radiation therapy. The medical, biological, and pathological aspect, as well as the physical and technical aspects, will be discussed This course will also include content designed to provide the student with fundamental concepts,theories, and application of healthcare laws and ethical standards implemented and practiced in quality management for radiation therapy. Analysis of legal terminology, sources of law, and the litigation process as applied to health professionals will be evaluated

Credit Hours
0.5

RT-332 Pathology

Course Description
This course introduces the student to the field of pathology with an emphasis on the oncologic disease processes. Topics range from discussion of pathology from the cellular level through various organ systems. Students are introduced to terminology related to the field of pathology as a whole and to the subspecialty of oncology specifically.

Credit Hours
0.5

RT-333 Radiation Therapy Physics I

Course Description
Students are introduced to the principles and practice of applying ionizing radiation to the human body. Topics include discussion of radiation therapy equipment, including treatment units and computer planning systems with an emphasis on how this equipment is used to produce proper treatment planning and dose calculations, according to the radiation oncologist's prescription. Topics also include fundamental concepts of general physics and radiation physics, including the production of x-rays and x-ray interactions with matter.

Credit Hours
0.5

RT-334 Intro to RadiologicTechnology

Course Description
This course introduces students to the radiologic sciences. Emphasis is placed on x-ray production, image formation, and the technical aspects of radiography equipment. Basic radiation safety concepts will also be introduced.

Credit Hours
0.25

RT-335 Medical Imaging & Processng

Course Description
Procedure for imaging human structure and their relevance to radiation therapy; topographical anatomy, radiographic and cross sectional anatomy. Identification of anatomic structures as demonstrated through various imaging modalities. This course also provides the student therapist with the technical aspects of radiography equipment. Discussion will include orientation to the function and operation of radiography equipment.

Credit Hours
0.5

RT-336 Patient Care

Course Description
Content is designed to provide the student with foundation concepts and competencies in assessment and evaluation of the patient for service delivery. Psychological and physical needs and factors affecting treatment outcome will be presented and examined. Students will also get a better understanding of how race, gender, physical ability, sexual orientation, spirituality, healing and dying, and age play a role in cultural competence. Routine and emergency care procedures will be presented. Course will also include an orientation to hyperthermia, chemotherapy, body mechanics, and nutrition for cancer patients, and an overview of radiation therapy's side effects in patients.

Credit Hours
0.5

RT-337 Radiation Safety

Course Description
The purpose of this course is to educate students regarding institutional, state, and federal regulations controlling the safe use and disposal of radiation-producing equipment and sources. Emphasis is placed on ALARA principles to define the health professional's legal and ethical responsibility to minimize radiation dose to co-workers and patients, and oneself.

Credit Hours
0.5

RT-339 Technical Radiation Therapy

Course Description
This course provides the student therapist with the technical aspects of radiation therapy. Discussion will include orientation to the function and operation of radiation therapy equipment. The clinical lab component of this course provides a hands-on, sequential application, and clinical integration of concepts and theories in the radiation therapy clinic and the didactic portion of this course. Concepts of team practice, patient-centered and clinical practice will also be discussed.

Credit Hours
0.5

RT-343 Clinical Practicum II

Course Description
The overall objective of this course is to aid the student in achieving basic level technical skills through supervised practice of radiation therapy procedures on actual patients. This is a continuation of Clinical Practicum I. Students will berequired to complete some ARRT required clinical competency examinations during this course.

Credit Hours
0.75

RT-344 Technical RadiatnTherapy II

Course Description
This is a continuation of Technical Radiation Therapy I with discussions of various treatment and simulation procedures the different pathologies. The lab component will continue to provide a hands-on, sequential application, andclinical integration of concepts and theories in the radiation therapy clinic.

Credit Hours
0.75

RT-346 Clinical Practicum I

Course Description
The overall objective of this course is to aid the student in achieving basic level technical skills through supervised practice of radiation therapy procedures on actual patients. Students will be required to complete some ARRT required clinical competency examinations during this course.

Credit Hours
0.75

SCM-510 Information Technology Tools

Course Description
An overview of computer-based optimization tools for supply chain planning and decision making. Topics include the use of spreadsheets and supply chain software suites for various tasks within the supply chain such as resource requirement planning, transportation service and cost analysis, supply chain network design, supply planning, demand planning, and inventory planning

Credit Hours
0.25

SCM-511 Business&FinancialStrategies

Credit Hours
0.5

SCM-512 Outsrc Dec: Select 3rd Party Logst Firm

Course Description
An overview of the decision-making practices, theories, and concepts for effectively outsourcing all or part of a firm146s supply chain functions. Topics include a discussion of the various outsourcing options, the development of a third-party selection process, and creating viable, effective commercial relationships.

Credit Hours
0.25

SCM-513 Forecasting in the Supply Chain

Course Description
An overview of the typical product, price, and demand forecasting techniques used in effective and efficient distribution channel management decision making. Course subjects include the modeling process, the value and limitations of the various forecasting methods, and evaluation of these techniques for solving practical supply chain problems.

Credit Hours
0.5

SCM-521 Inbound Logistics Strategies

Course Description
A survey and examination of the issues surrounding the planning, implementation, and control of inbound procurement processes. Topics include strategies to support supplier programs, techniques/opportunities to improve inbound process flow, terms of sales, defining key inbound processes, and control metrics.

Credit Hours
0.25

SCM-522 Benchmarking Metrics Supply Chain Mgt

Course Description
An overview of the development and application of performance measures and benchmarking in the supply chain. Specifically, the course will examine the idea of how to establish benchmarking techniques of specific supply chain activities such as warehousing, transportation, and inventory control. Topics include the benefits and costs associated with benchmarking, the benchmarking process, methods of establishing benchmark statistics, selecting benchmark candidates, and the recalibration of the process.

Credit Hours
0.5

SCM-530 Supplier Certif in the Supply Chain

Course Description
An overview of the development/application of supplier certification concepts on the procurement process. Topics include locating supply sources, developing sound supplier relationships, monitoring and evaluating a supplier146s performance, and supplier selection criteria such as quality, reliability, capability, financial stability, and geographical considerations.

Credit Hours
0.25

SCM-531 Manufacture Decisions

Course Description
A survey of issues involved in managing supply and demand in the supply chain within a manufacturing context. The course overviews issues such as manufacture versus outsource decisions, product design, process selection, facility decisions, and planning production and distribution. Topics include the design of supply chain networks, the aggregate planning methodology, and the management of demand through price and promotion manipulation.

Credit Hours
0.5

SCM-532 Supply Chain Research & Analysis Techniq

Course Description
An examination of the various research techniques and methodologies used in the analysis, design, and implementation of an effective distribution network. An emphasis of this course, which uses the case study approach, is how to implement various research strategies to solve supply chain problems. Topics include methodologies for systems design, customer service logistics audits, and analysis of public policy related to supply chain issues.

Credit Hours
0.25

SCM-533 Global Logistics Networks

Course Description
A survey of the impact of the emerging global marketplace on today146s business environment. In particular, this case study course will integrate the concepts, theories, and evolving practices of global supply chains with today146s marketplace. Topics include international terms of sale, impact of e-commerce on global strategies, international transportation carriers, documentation issues, global third-party providers, and ethical considerations.

Credit Hours
0.5

SCM-540 Inventory Strategies

Credit Hours
0.5

SCM-541 Warehouse Management Strategies

Course Description
An examination of the strategic nature and importance of an effective warehouse network in the supply chain. Topics include the changing role of the warehousing function; value-added services; warehouse space needs forecasting; basic warehouse layout and design factors; material handling design; the decision to buy or lease warehouse space; and location analysis.

Credit Hours
0.5

SCM-542 Quality Process Management

Course Description
A study of current practice as it relates to quality improvement processes in the management of a firm's distribution network. Topics include the value and costs associated with quality, the dimensions of quality, the application of practical statistical process control (SPC) methods to supply chain processes, quality certification, establishment of quality improvement programs, and quality improvement reporting. No Prerequisite.

Credit Hours
0.5

SCM-550 Transportation Management Strategies

Course Description
A survey on the impact of transportation strategies on supply chain decision making. The course emphasizes the planning, implementation, and control process of the finished goods movement. Topics include selection, assessment and measurement of carriers, pricing strategies for carrier and modal selection, transportation contract development, role of private fleets, and outsourcing transportation services.

Credit Hours
0.25

SCM-551 Marketing & Supply Chain Networks

Course Description
An overview of the conceptual and practical applications of the physical flow of goods and related distribution information in the supply chain. Topics include the interface of marketing strategies and logistics, the development of new/ alternative distribution channels, pricing policies, and channel conflicts.

Credit Hours
0.5

SCM-552 Benchmarkg Metrics for Supply Chain Mgmt

Course Description
An overview of the development and application of performance measures and benchmarking in the supply chain. Specifically, the course will examine the idea of how to establish benchmarking techniques of specific supply chain activities such as warehousing, transportation, and inventory control. Topics include the benefits and costs associated with benchmarking, the benchmarking process, methods of establishing benchmark statistics, selecting benchmark candidates, and the recalibration of the process.

Credit Hours
0.5

SCM-553 Packaging Strategies

Course Description
The course will examine the contribution and influence that packaging decision-making factors have on the product146s value and distribution costs. Topics include such practical application issues such as how the size, shape, and types of packaging influence supply chain decisions regarding material handling equipment and warehouse design, and the legal and environmental considerations of packaging.

Credit Hours
0.25

SCM-554 Inventory Strategies

Course Description
The course examines the role of inventory and various strategies in managing inventory in the supply chain. Topics include traditional versus zero-based inventory approaches, controlling cycle inventory, the role and cost of safety stock, managing uncertainty, optimizing product availability, shared risk issues, inventory velocity, stock-outs implications, sourcing strategies and inventory decision-making techniques and tools.

Credit Hours
0.5

SCM-560 E-Commerce and the Supply Chain

Course Description
An investigation of the emerging role of electronic commerce (e-commerce) and its impact on supply chain management decision-making. Topics include a brief history of e-commerce, e-commerce strategies including business to business and business to consumers, development of effective supply chain networks for e-commerce, the future of e-commerce, and the implication of the distribution channel.

Credit Hours
0.25

SCM-561 Customer Relationships

Course Description
An overview of the development/impact of customer service/relationship strategies on cost/service decisions in the distribution channel. Topics include the development of customer satisfaction programs, methods of establishing customer service metrics, customer satisfaction as a corporate philosophy, and impediments to the implementation of effective customer satisfaction strategies.

Credit Hours
0.5

SCM-570 Supply Chain Seminar

Course Description
This capstone seminar course consolidates and integrates the many different functions, concepts, and decision-making practices within the supply chain. A case study approach helps students understand the development, value adding and important linkages in a distribution channel. Topics include strategic alliances, business strategy implications, customer service, and innovation.

Credit Hours
0.25

SCM-571 Supply Chain Information Systems

Course Description
An overview and analysis of the various information management technology resources used in a firm146s supply chain. The course will examine the various source data capture hardware, communication applications, database products, and planning tools used in today146s decision-making within distribution systems. Topics include an overview of warehouse management systems, Enterprise Resource Planning, routing/dispatch software, shipment tracing, and satellite tracking.

Credit Hours
0.5

SCM-572 Reverse Logistics

Course Description
An overview of practices, theories, and concepts with the return flow of goods, services, and information. Topics include handling returns in an e-commerce environment, return goods control methods and freight claims prevention.

Credit Hours
0.25

SCM-573 Managing HR Issues in Global Marketplac

Course Description
A survey of critical human resources issues surrounding the hiring and training of qualified personnel in a global marketplace. Topics include managing in a diverse work environment, ADA, establishment of safe and effective working conditions, legal issues in human resource management, and ethical/social issues of outsourcing.

Credit Hours
0.5

SCM-575 Project in Supply Chain Management

Course Description
A final team project presentation and paper to demonstrate the integration of all aspects of the program. Subjects will be developed and approved in cooperation with the cohort146s faculty team.

Credit Hours
0.5

SEC-300 Teaching in Diverse Schools

Course Description
A seminar for developing the knowledge and skills needed for creating inclusive and safe classroom environments that support all learners. The seminar requires field participation in diverse school settings. Teacher candidates demonstrate professional growth by developing a philosophy of teaching and presenting their reflective e-portfolios, which link coursework with professional standards and field experiences. Successful completion of this seminar is required as part of the evaluation process for continuation in the teacher education program. Prerequisite: Admission to SEC program.

Credit Hours
0.25

SEC-310 Meth&BestPrac in Mid&SecEdu

Course Description
A study of adolescent development and learning theories, content area literacy practices, curriculum integration, and evidence-based methods of short- and long- term planning, instruction, formative and summative assessment, and classroom management. Participatory field experiences including teaching in middle schools and high schools are required. Prerequisite: SEC 100 Pre or Corequisite: SEC 300, SEC 311.

Credit Hours
1

SEC-360 MiddleSchool:HisPhilOrgStuct&BestPrac

Course Description
An advanced study of the history, philosophy, organization, and procedures of the middle school through observation and participation in a middle school setting as well as through content delivered in the college classroom. Focus areas include age-appropriate instructional methods and strategies, the development of curriculum for the middle school learner, and classroom management strategies, cognitive, emotional, social, and physical developmental stages of the middle-level learner.

Credit Hours
1

SEC-421 Academic Literacies for K-12

Course Description
An advanced study of theories of literacies, the developmental reading process, and practical applications for reading across content areas. Includes reading methods and procedures used to develop skills, attitudes, knowledge, and understanding of content area reading material, and modification processes developed to maximize literate practices of all students. Prerequisites: SEC 300, SEC 310.

Credit Hours
1

SEC-425 Tchg Soc Studies Mid/Sec Sch

Course Description
An advanced study of the scope and sequence, content and skills of the National Council for the Social Studies (NCSS) Standards and the Illinois Social Science Standards in combination with methods and strategies for teaching both secondary and middle school (grades 6-12) social studies curricula as well as an overview of Illinois history. Prerequisites: SEC 100, SEC 223 or KIN 312, SEC 311. Fall Term.

Credit Hours
1

SEC-440 Teaching Mid & Secondary School Science

Course Description
A consideration of curricular design, assessment, lab materials, textbook evaluations, and general pedagogical principles as applied to the teaching of science in high schools. The main product of this course is a unit plan that aligns with the Next Generation Science Standards published in April 2013.

Credit Hours
1

SEC-450 Sem in Collab & Prof Prac

Course Description
Quarter Course An advance study of collaborative and professional practice in schools. The seminar requires extensive participation in schools and focuses on effective instructional practices, optimal learning environments, professional collaboration, school policies and procedures (e.g., mandated reporting), and reflective practice. Field experiences at prospective student teaching sites are expected. Candidates demonstrate readiness for student teaching and proficiency in technology by presenting their professional e-portfolios as part of the evaluation process for admission to student teaching. Prerequisites: SEC 300, SEC 310. To be taken the term prior to student teaching.

Credit Hours
0.25

SEC-455 Student Tchg in Sec/Mid Sch

Course Description
Open only to those preparing to teach in grades six through 12. Full-day assignment to a public school for 10 weeks (2 courses) or 15 weeks (3 courses). Attendance at seminar sessions is required. Beginning fall 2014, will be offered as 3 courses or 2 - 1.5 courses. Prerequisite: SEC 450 or subject department equivalent. Pass/No Pass grading.

Credit Hours
3

SEC-457A StudentTchg Special Fields

Course Description
Open only to those preparing to teach in grades kindergarten through 12 in a special subject area for a minimum of 15 weeks. Full-day assignments in two settings (elementary/middle and high school) each for a 7-8 week period. Attendance at seminar sessions is required. Prerequisite: SEC 450 or subject department equivalent. Pass/No Pass grading.

Credit Hours
1.5

SEC-457B Student Tchg Special Fields

Course Description
Open only to those preparing to teach in grades kindergarten through 12 in a special subject area for a minimum of 15 weeks. Full-day assignments in two settings (elementary/middle and high school) each for a 7-8 week period. Attendance at seminar sessions is required. Prerequisite: SEC 450 or subject department equivalent. Pass/No Pass grading.

Credit Hours
1.5

SEC-492 Independent Study in Edu

Course Description
Individually designed cokurse under the supervision of a faculty member in the Department of Education.

Credit Hours
0.5

SOC-100 Introductory Sociology

Course Description
A scientific study of society and social interaction and their effects on individual behavior. An introduction to the concepts, theories and methods used by sociologists to study social life. Special attention is given to how the sociological perspective can enhance our ability to understand society and to function more effectively in it.

Credit Hours
1

SOC-212 Sociology of Culture

Course Description
A study of the meaning and influence of culture and its societal variations. The course focuses on culture as the way people live, with a focus on media, popular culture, and the culture industry.

Credit Hours
1

SOC-292 Independent Study

Course Description
.50, .75, 1.00 credit. An independent and concentrated reading course focusing on a specific problem area, field of specialization or the thought of a major social thinker in sociology. Repeatable for credit. Prerequisites: consent of instructor and two courses in sociology. Upon request.

Credit Hours
0.5

SOC-301 Social Problems

Course Description
An examination of common social problems using theoretical and conceptual frameworks. Students investigate individual deviance, patterns of social injustice, specific problems affecting major U.S. institutions, and international issues, along with various mechanisms and resources for solving and preventing social problems.

Credit Hours
1

SOC-304 Race and Ethnic Relations

Course Description
A study of the basic concepts and theories of race and ethnicity in the United States. Historical and contemporary societal reactions to racial and ethnic groups are examined. Special attention is given to issues of social justice.

Credit Hours
1

SOC-305 Sex and Gender in Society

Course Description
A study of gender roles and sex inequality - their forms, causes, effects on behavior and life chances, and patterns of change. An examination of the significance of gender roles and sex inequality for understanding both social behavior and social institutions.

Credit Hours
1

SOC-310 Class and Status

Course Description
A study of the structure and processes of social inequality in societies. Primary emphasis on socioeconomic inequality with a secondary emphasis on racial and sexual inequality. An examination of aspects of social inequality, including its causes, historical trends, contemporary patterns, effects on social behavior, efforts to reduce inequality, and future possibilities.

Credit Hours
1

SOC-316 Society, Health, and Illness

Course Description
A study of the structure and function of health care as a societal institution. Socio-cultural and structural factors that influence health care professionals' roles, families health practices, use of the health care system, illness behavior, and the interactions of clients and providers. Students will also examine critiques of the U.S. health care system and proposed reforms.

Credit Hours
1

SOC-317 Marriage & the Family

Course Description
A historical and intercultural analysis of the family as a social institution in contemporary American society. Topics include: dating, mate selection and marital adjustment, as well as problems of the family in modern Western culture.

Credit Hours
1

SOC-320 Sociology Of Latino/as

Course Description
This course will explore the diverse experiences of Latinos in the United States through a sociological lens. We will focus on the community formations of various Latino groups. The course will engage with current debates that impact the Latino community as a whole, including immigration, media representation, racialization, policing and crimmigration. Additionally, we will take a critical, sociological approach to culture, through the use of music, dance, and film. To explore these topics, we will go on three field field trips in Chicago. Students should be prepared to pay for transportation to and from the city of Chicago for three field trips, food during these trips, and approximately $75 for additional activities.

Credit Hours
1

SOC-323 Methods of Social Research

Course Description
An introduction to the logic and procedures for conducting social research. An examination of the foundations of social research, research design, methods of observation, data analysis and ethical issues in research. Prerequisite: SOC 100 or CJ 100.

Credit Hours
1

SOC-330 Global & Transnational Sociology

Course Description
An analysis of globalization is essential in understanding today's world. The increasing interconnectedness of people and the exchange of ideas, cultural products, and social problems greatly impact our everyday lives. This class will explore sociological theories and ideas that deal with global issues. From the increasing economic integration of nation-states, to the worldwide migration crisis, to the tackling of global problems, such as war and climate change, sociological theories can provide a useful lens in understanding the modern world.

Credit Hours
1

SOC-351 The Sociology of Identity

Course Description
This course provides students with an opportunity to explore the role of society in shaping our personal identities, with an emphasis on the reciprocal relationship between individual-level and group-level phenomena. Students will work from the foundational sociological approach of symbolic interactionism to better understand how individuals' identities emerge and affect social interaction, how individuals perceive other people and situations, the impact of "processing short cuts" on assessments of a situation, how people's attitudes emerge and impact their behavior, how individuals experience and express emotions in various situations, and group processes related to status and power.

Credit Hours
1

SOC-352 The Sociology of Work

Course Description
This course will contemplate contemporary issues of labor in the United States and around the world. During the semester, students will learn about the labor conditions experienced by a wide range of workers, and they will think critically about how the structure of work today impacts our everyday lives. Students will reflect intersectionally on how gender, race, immigration status, disability, and age impact people's experiences in the workforce. They will also explore the polarization of "good" and "bad" jobs in the labor market. Finally, the course will focus on how broader structures, such as globalization and neoliberalism, impact labor.

Credit Hours
1

SOC-353 Sociology of Childhood & Youth

Course Description
his course explores how children and youth constitute a particular social group. We will study how concepts and ideologies around children and youth have changed and developed overtime. We will look at the social position of children and youth today, taking a critical perspective into the power relations and structures that both constrain and provide opportunities for young people. Paying particular attention to the intersection of age with other social locations, such as gender and race, we will analyze youth's experiences of dependency and agency. Finally, this course will provide a survey of various institutions and structures that are important in youth's lives, such as education, family, media, and technology.

Credit Hours
1

SOC-358 Sociology of Culture

Course Description
A study of the meaning and influence of culture and its societal variations. The course focuses on culture as the way people live, with a focus on media, popular culture, and the culture industry.

Credit Hours
1

SOC-370 Environmental Sociology

Course Description
This course is an opportunity for students to be introduced to the theoretical and empirical analysis of the interaction between the environment and human society. We will explore the ways in which the culture and structure of human society impacts the environment and how, in turn, changes in the environment inequitably impact society. In exploring the social roots of environmental issues, students will critically analyze how technologies, patterns of consumption and production, status and power systems, religion, and population trends impact our environment.

Credit Hours
1

SOC-424 Sociological Theory

Course Description
An introduction to several theoretical perspectives used to explain social phenomena: the intellectual roots of these perspectives, their major concepts, their explanatory structures, their contributions and weaknesses, and their uses in research. Prerequisite: two courses in sociology or equivalent. Recommended in the Spring of the Junior year.

Credit Hours
1

SOC-480 Selected Topics in Sociology

Course Description
A focus on a specific theorist, sociological school, problem area or application of sociology using a seminar format. Topics vary upon student and faculty interest. May be repeated for credit. Prerequisite(s): consent of the instructor. Upon request.

Credit Hours
1

SOC-490 Independent Field Work

Course Description
.50, .75, or 1.00 credit. Independent, guided field work in sociology or social work. Fieldwork in sociology involves work in an agency, organization, or community setting using sociology to analyze and solve problems. Fieldwork in social work involves supervised work in an accredited social service or welfare setting. A minimum of 140 hours on site is required during the term for full course credit. Prerequisites: field work in sociology: two courses in sociology and consent of instructor. Fieldwork in social work: SW 303, location of a the suitable field site, and consent of instructor. Upon request.

Credit Hours
0.5

SOC-491 Independent Research

Course Description
.50, .75, or 1.00 credit. A course in independent, guided research. Practical experience is acquired in the stages of designing and conducting a research project in sociology. Prerequisites: consent of instructor and either SOC/CJ 323 or three courses in sociology. Upon request.

Credit Hours
0.5

SOC-492 Independent Study

Course Description
.50, .75, or 1.00 credit. An independent and concentrated reading course focusing on a specific problem area, field of specialization, or the thought of a major social thinker in sociology. Repeatable of credit. Prerequisites: consent of instructor and two courses in sociology. Upon request.

Credit Hours
0.5

SOC-495 Honors Independent Research

Course Description
This course gives Honors Program students the opportunity to design and implement a significant research project in the field of sociology, culminating in an appropriate public dissemination of research methods and findings. This research must build upon previous coursework taken within the major or minor, facilitating faculty supervision and guidance. Repeatable for credit. Permission of the faculty supervisor and the director of the Honors Program required prior to registration.

Credit Hours
0.5

SOC-496 Capstone Seminar

Course Description
A seminar course required of all sociology majors and designed to facilitate the transition of sociology majors from the undergraduate degree program to employment or graduate school. The course will enable students to answer four questions: What can I do with a major in sociology? What do I know (knowledge)? What can I do (skills)? How can I use the knowledge and skills that I have acquired to achieve my professional goals? Students will explore applications of sociology and opportunities for sociology-related careers and post-graduate education; apply sociological knowledge, methods and theory in a service learning experience; and create an electronic portfolio and other material in preparation for application for employment or graduate school. Students should enroll in SOC 496 in the Fall term closest to their graduation. Prerequisite: senior standing

Credit Hours
1

SOC-PPP Sociology & TRNPPP

Credit Hours
1

SPE-300 IntroCurrPlanning&Instruction

Course Description
An introduction to curriculum, the underlying principles of instructional planning, and the beginning skills for instructional delivery and classroom management. Matching materials to the students? needs and their developmental levels through the evaluation, selection and adaptation of curricular materials and technologies will be introduced. Prerequisites: EDU 223 and EDU 311. Fall Term.

Credit Hours
0.75

SPE-301 Special Edu Practicum Block I

Course Description
An introductory practicum requiring directed and supervised pre-clinical experiences in curriculum planning and instruction. The majority of the pre-clinical experiences will be in diverse instructional settings pre-arranged and supervised by program faculty. Prerequisites: EDU 223 and 311. SPE 301 must be completed concurrently with SPE 300.

Credit Hours
0.25

SPE-314 MethodsMaterialsLit Primary

Course Description
A study of the language and literacy curriculum, materials, texts, and technology for the primary grades (K-3) focusing on foundational knowledge, research-based instructional methods, monitoring student learning through assessment, content area reading, and constructing a supportive language and literacy environment. Teacher candidates apply research-based instructional methods successful for supporting all learners' literacy across the content areas. Assignments provide opportunities to administer, evaluate, and communicate a wide range of developmentally appropriate literacy assessments to monitor student learning and plan instruction designed to meet the needs of diverse learners. Prerequisites: EDU 104, EDU 223, EDU/PSY 311 and Admission to the Special Education program.

Credit Hours
0.75

SPE-320 EstProfRelatnship:Comm&Collab

Course Description
A study of the collaborative processes and communication skills necessary for effective interaction among parents, professionals, paraprofessionals, and students in providing services for individuals with disabilities. Roles, rights, and responsibilities of all team members will be reviewed. A special focus on the process and the collaboration necessary for successful transitions throughout the life of individuals with disabilities will be provided. January Term

Credit Hours
0.75

SPE-338 Char Learners Exceptionalitiy

Course Description
An advanced study of the development and the diverse educational, physical, motor, communication, social-emotional, and cognitive needs of students with mild/moderate/severe/profound disabilities. Research on and implications for appropriate diagnosis, service delivery, and instructional methodology are examined. Prerequisites: EDU 223 and EDU 311. Fall Term

Credit Hours
0.75

SPE-350 CurricInstruct&AssistiveTech

Course Description
An advanced study of curriculum trends including both general and special education settings. Course content includes methods and materials for teaching at the PreK - high school levels, the use of assistive technology and augmentative communication system components and the decisions involved in selecting these components for individual students. Prerequisite(s): SPE 300. Spring Term

Credit Hours
0.75

SPE-352 Special Edu Practicum II

Course Description
A practicum that requires directed and supervised pre-clinical experiences in curriculum planning and instruction for Pk-12 diverse learners. The majority of the pre-clinical experiences will be in diverse instructional settings pre-arranged and supervised by program faculty. SPE 352 must be completed concurrently with SPE 350. Spring Term

Credit Hours
0.25

SPE-434 CurrAssessInstruHighDisabilty

Course Description
An advanced study of the special methodology, materials and approaches for teaching students with mild to moderate disabilities. Educational assessment strategies, components in individualized education programs, and the design of strategic instructional approaches are reviewed. Prerequisites: EDU 223 and EDU 311. Fall term.

Credit Hours
0.75

SPE-435 LrngEnvironmt/PositvBehavior

Course Description
An advanced study of the application of integrated behavioral theory in the management and the influence of behavior in educational settings. Focus areas include strategies that promote positive social interaction, functional assessment of behavior, proactive behavior interventions and the supports and tactics to address significant behavior problems.Prerequisite: SPE 350. Fall Term.

Credit Hours
0.75

SPE-438 CurrAssess&InstructLnrLowDisa

Course Description
An advanced study of the assessment, curriculum development and instruction in meaningful curriculum design including functional academics; critical life skills, and communication, social and mobility areas. Authentic assessment strategies, components in individualized education programs, and the implementation of functional curricula across settings is studied. Prerequisite: SPE 300. Spring Term

Credit Hours
0.75

SPE-439 Char&NeedsStudnts/Impairmnts

Course Description
An advanced study of the characteristics, needs, and supports for individuals with physical, health, and sensory impairments. Common medical conditions and health impairments, the effects of various medications, and the specialized health care needs at school will be covered. Prerequisites: SPE 300

Credit Hours
0.5

SPE-440 Diag&RemedRdgDifficulties

Course Description
An advanced study of the assessment, diagnosis and remediation of reading problems, with a focus on methodological approaches for evaluating, planning and organizing remedial reading instruction, content area reading support, materials and resources for students with reading difficulties. Prerequisites: ELM 350 and ELM 372 or SPE 300 and SPE 316.

Credit Hours
0.75

SPE-442 Remed/Undrstndng&ApplyMath

Course Description
An advanced study of the theories, methods, and materials used to teach mathematics with a focus on evaluating, planning, and organizing multi-sensory instruction for students having difficulties with mathematics. Prerequisites: ELM 350 or SPE 300.

Credit Hours
0.5

SPE-443 Remed/ Undrstndng&ApplyMathForSPETeacher

Course Description
An advanced study of the theories, methods, and materials used to teach mathematics with a focus on evaluating, planning, and organizing multi-sensory instruction for students having difficulties with mathematics. Prerequisite: SPE 350. Fall Term.

Credit Hours
0.75

SPE-450 SpecEdPract:Collab&ProfPrac

Course Description
An advanced field-based, clinical experience designed to apply knowledge and skills from Block I and II course work with a focus on effective instructional practices, optional learning environments, professional collaboration, school policies and procedures (e.g., mandated reporting), and reflective practice. Candidates present their professional e-portfolios as part of the evaluation process for admission to student teaching. Requires a minimum of two full days per week in the prospective student teaching placement. Prerequisites: SPE 350, Block I and Block II courses. To be taken term prior to student teaching.

Credit Hours
1

SPE-458 Student Teaching:Special Educ

Course Description
The supervised student teaching experiences are designed to provide student teachers with the opportunity to develop, refine and demonstrate those competencies that are essential for effective teaching in special education classrooms. The student teacher will be evaluated on the basis of the behaviors described on the special education education student teacher evaluation form in addition satisfactory completion of assignments and course objectives. Prerequisite: SPE 450. Spring Term

Credit Hours
1.5

SPN-101 Elementary Spanish I

Course Description
Essentials of Spanish grammar and syntax, extensive oral practice, and cultural introduction to Spain and Spanish America. Five to ten hours of work in language lab is required. Fall Term.

Credit Hours
1

SPN-102 Elementary Spanish II

Course Description
Essentials of Spanish grammar and syntax, extensive oral practice, and cultural introduction to Spain and Spanish America. Five to ten hours of work in language lab is required. Prerequisite: SPN 101 or equivalent. Spring Term.

Credit Hours
1

SPN-201 Spanish Seal of Biliteracy

Credit Hours
1

SPN-201 Spanish Commendation

Credit Hours
1

SPN-201 Intermediate Spanish I

Course Description
Continued development of listening, speaking, reading and writing skills. Significant exposure to various cultures of the Spanish-speaking world through film, music, art, mass media and student presentations. Prerequisite: SPN 102. Fall Term.

Credit Hours
1

SPN-202 Intermediate Spanish II

Course Description
Continued development of listening, speaking, reading and writing skills. Significant exposure to various cultures of the Spanish-speaking world through film, music, art, mass media and student presentations. Prerequisite: SPN 201. Spring term.

Credit Hours
1

SPN-301 Spanish Seal of Biliteracy

Credit Hours
1

SPN-301 Spanish Grammar & Composition

Course Description
Primary emphasis on an advanced grammar review as well as the improvement of reading and writing skills through the use of one- to two-page compositions about varied topics. Students will consult Spanish periodicals and audio-visual materials covering many aspects of contemporary life. Prerequisite: SPN 202 or equivalent. Fall Term.

Credit Hours
1

SPN-302 SpnConversatnGrammar Service

Course Description
Practice in listening and speaking skills as well as the development of vocabulary and syntax necessary for sustained conversation in Spanish. Includes 12 hours of service learning in the Spanish-speaking community with appropriate preparation and reflection in class. Prerequisite: SPN 301 or SPN 307 or consent of the instructor.

Credit Hours
1

SPN-304 Tchg Hispanic Children Lit

Course Description
The course combines two different disciplines-education, and Spanish language and literature. It aims to introduce students to the principal movements and representative authors in the field of children's literature in the Hispanic world. While students study these texts, taking into consideration the socio-historical context, the literary style used, the themes present and other grammatical and lexical considerations, they study the theories of teaching reading to English Language Learners. Students learn teaching strategies for Spanishspeaking students and learn to adapt learning methods to teach those texts to Spanish-speaking (English Language Learners) or bilingual (English- and Spanish-speaking) students. This course is included in the reading minor requirements for students who plan to work in schools. Prerequisite: SPN 301 or SPN 307 or consent of the instructor.

Credit Hours
1

SPN-305 Business Spanish

Course Description
Practical application of lexical, syntactical and stylistic features to written and oral communication in the professional world. Study of cultural aspects of business communication and topics such as management, financial affairs, advertising, import-export, insurance and technology. Designed and appropriate for business, medical and other advanced-level Spanish students. Prerequisite: SPN 301 or SPN 307 or consent of the instructor.

Credit Hours
1

SPN-306 Medical Spanish

Course Description
Practical application of lexical, syntactical and stylistic features to written and oral communication in the professional world. Study of cultural aspects of the medical professions such as interaction with patients and vocabulary associated with common symptoms and insurance. Designed and appropriate for medical, business and other advanced-level Spanish students. Prerequisite: SPN 301 or SPN 307 or consent of the instructor.

Credit Hours
1

SPN-307 Spanish for Heritage Speakers I

Course Description
An introduction to academic Spanish, and the notion of formal and informal register for native speakers who already possess advanced communicative skills in the language. Students will also survey the history, film and literature of the Spanish speaking world. There is an emphasis on reading, writing, and vocabulary building. Fall Term.

Credit Hours
1

SPN-308 Spanish for Heritage Speakers II

Course Description
Continuation of Spanish 307. Reviews grammatical conventions of academic Spanish at an advanced level. Students will continue to survey the history, film and literature of the Spanish speaking world. Increased emphasis on composition and reading. Prerequisite: SPN 301 or SPN 307, or consent of the instructor. Spring Term.

Credit Hours
1

SPN-310 Intro to Hispanic Literature

Course Description
An introduction to the critical reading and interpretation of Hispanic literature, principally from Spain and Latin America, through the study of narrative, poetry and drama. Readings, class discussion, and reports are in Spanish. Prerequisite: SPN 302 SPN 308 or consent of the instructor. Fall Term.

Credit Hours
1

SPN-312 Spanish Culture

Course Description
A historical survey of the culture and civilization of Spain in which geography, ethnicity, art, music, literature, and social and political institutions are studied. Provides a framework in which to understand contemporary events as well as literature. Readings, class discussion, and reports are in Spanish. Prerequisite: SPN 302 or SPN 308 or consent of the instructor. Fall Term.

Credit Hours
1

SPN-313 Survey of Spanish Literature I

Course Description
A survey of representative major Spanish authors and their works from the Middle Ages to the present. Extensive readings, lectures, class discussions, and reports in Spanish. Prerequisite: SPN 302 or SPN 308 or consent of the instructor.

Credit Hours
1

SPN-314 Survey of Spanish Literature II

Course Description
A survey of representative major Spanish authors and their works from the Middle Ages to the present. Extensive readings, lectures, class discussions, and reports in Spanish. Prerequisite: SPN 302 or SPN 308 or consent of the instructor.

Credit Hours
1

SPN-315T Cultural/LinguisImmersion:

Course Description
A faculty lead travel course. This course is a short-term study away trip to a Spanish-speaking location. Students take language and culture classes at a local school, and participate in excursions and cultural programming that allows them to learn about the history and culture of these locales. Taught in Spanish.

Credit Hours
1

SPN-316 Spanish-Speaking Chicago

Course Description
Over 1.5 million people in Chicago speak Spanish. This class studies the Chicago area as though it were a small Spanish-speaking nation, considering art, literature, media, community organizing, human rights, and citizenship. It includes trips to various neighborhoods where Spanish is prevalent, and meetings with local writers, artists, activists, and business people. Various guest speakers will also be invited to Elmhurst. All coursework is in Spanish, organized in modules on the aforementioned topics. Three reflection papers are required, as well as a final study of direct relevance to the professional interests of each individual student. This class is available to all students who place into the 300 level. Completion of Spanish 301 or 307 is recommended but not required.

Credit Hours
1

SPN-317 History and Culture of Argentina

Course Description
This class examines the history, geography, culture and linguistic characteristics of Argentina. The course introduces students to the history of Argentina from Colonial times to the present, reviewing the events, notable people, literature, music, art, and film that shaped the nation. The course also explores the linguistic varieties spoken in Buenos Aires, as well as various elements of popular culture.

Credit Hours
1

SPN-321 Intro Span Sociolinguistics

Course Description
A survey of the Spanish language from a sociolinguistic perspective. Covers concepts such as language vs. dialect, discourse analysis, bilingualism, languages in contact, and the relationship between language and pedagogy. Readings, class discussion, and reports are in Spanish. Prerequisite: SPN 302 or SPN 308 or consent of the instructor.

Credit Hours
1

SPN-334 Latin American Culture

Course Description
A historical survey of the civilization and culture of Latin America in which geography, ethnicity, art, music, literature, and social and political institutions are studied. Provides a framework in which to understand contemporary events as well as literature. Readings, class discussion and reports are in Spanish. Prerequisite:SPN 302 or SPN 308 or consent of the instructor.

Credit Hours
1

SPN-335 Survey Latin-Amer Lit I

Course Description
A survey of representative major Latin-American authors and their works from the Pre-Columbian period to the present. Extensive readings, lectures, class discussions, and reports in Spanish. Prerequisite:SPN 302 or SPN 308 or consent of the instructor.

Credit Hours
1

SPN-336 Survey Latin-American Lit II

Course Description
A survey of representative major Latin-American authors and their works from the Pre-Columbian period to the present. Extensive readings, lectures, class discussions, and reports in Spanish. Prerequisite: SPN 302 or SPN 308 or consent of the instructor.

Credit Hours
1

SPN-392 Walk El Camino de Santiago

Course Description
A faculty lead travel course. This course is a short-term study away trip during the month of June. Students participate in the pilgrimage to the city of Santiago de Compostela, situated in the region of Galicia in NW Spain. Following one of the existing routes, students walk approximately 350 kilometers while learning about the culture, history, religion and languages of the region.

Credit Hours
1

SPN-415T Cultural/LinguisImmersion:

Course Description
A faculty lead travel course. This course is a short-term study away trip to a Spanish-speaking location. Students take language and culture classes at a local school, and participate in excursions and cultural programming that allows them to learn about the history and culture of these locales. Taught in Spanish.

Credit Hours
1

SPN-450 Independent Study

Credit Hours
1

SPN-452 Directed Reading

Course Description
A seminar providing opportunity for intensive study of an author, a period of Hispanic literature or culture, or another discipline. Topics have included Spanish Medieval and Golden Age Literature, Expressive Latino Culture, 20th-Century Latin American Novel, and the Spanish Civil War, Mexican Revolution. Repetition for credit with different topics. Prerequisite: SPN 302 or equivalent.

Credit Hours
0.75

SPN-492 Independent Study

Course Description
For Spanish majors who wish to pursue an intensive program of reading on an individual basis. Students must gain approval of department chair and instructor through a clear proposal of a unique project that cannot be realized in a traditional setting.

Credit Hours
0.5

SPN-GLS Spanish & TRNGLS

Credit Hours
1

SW-303 Introduction to Social Work

Course Description
A basic study of social work practice, which is relevant to the social work, business, medical, or legal professions. Social work knowledge, values and skills are taught and applied to specific cases.

Credit Hours
1

SW-308 Social Services Child and Adolescent

Course Description
An overview of child welfare practice and social services for children and adolescents. Topics will include regulation of child care facilities, trends in welfare planning for children and adolescents, and the role of the juvenile justice system. Other topics are those related to substance abuse, suicide, eating disorders, gangs, teen pregnancy, learning disabilities and programs created to address these problems. Emphasis is on the developmental stages of children and teens. Prerequisite: SW 303 or equivalent.

Credit Hours
1

SW-404 Social Work With Individuals & Families

Course Description
An in-depth study of social casework theory and practice. A variety of theories, techniques, case illustrations, and role-playing are introduced to develop basic interviewing and counseling skills and the ability to establish a professional helping relationship. Prerequisite: SW 303 or consent of instructor.

Credit Hours
1

SW-406 Social Work Within Groups & Communities

Course Description
Group theory and process taught from theoretical, empirical, and experiential perspectives. Students will develop their skills in a group and will concentrate on a particular group population and setting. Prerequisite: SW 303 or consent of the instructor.

Credit Hours
1

TEL-204 CrssCultrl Tchg EngLangLrnrs

Course Description
This course is designed for teacher candidates to examine the relationship among culture, classroom practices, and policy and how this relationship influences the education of the English language learners. Teacher candidates begin by first examining their own culture and their cultural assumptions and biases and how those influence teaching and learning in the classroom. Issues of equity, access and cross-cultural understandings are examined as well. Teacher candidates will analyze and redesign curriculum so that it is linguistically and culturally relevant. This course required 10 field experience hours in an ESL and/or bilingual PK-12 classroom. Prerequisites:EDU 104.

Credit Hours
0.75

TEL-212 Theoretic Found Tchg Eng Lang Lrnrs

Course Description
This course is an introduction to and immersion into the theoretical frameworks of English as a Second Language (ESL) and Bilingual education and the research, movements, and policies that inform them. A variety of ESL/Bilingual models and programs that exist in pre-K through 12 schools and classrooms will be identified, analyzed, and evaluated through multiple assignment and media. Teacher candidates will demonstrate an understanding of the relationship between theory and practice and will define their roles as teachers of and advocates for English learners. This course requires 10 field experience hours in an ESL and/or bilingual P-12 classroom. Prerequisites: EDU 104.

Credit Hours
0.75

TEL-317 Mthds&MaterialTchgEngLangLrnr

Course Description
This is an advanced course in the teaching of bilingual and sheltered English instruction to English language learners (ELLs). Students will learn different approaches and methodologies used to support the development of listening, speaking, reading, and writing in social and academic contexts. The course provides opportunities for teacher candidates to develop curriculum for ELLs in bilingual and ESL classrooms, and examine instructional delivery through videotaping and analyzing practice. This course requires 20 field experience hours in an ESL and/or bilingual P-12 classroom. Prerequisites: TEL 204 and TEL 212 and admission to teacher education (Note: Prereqs are subject to change per section).

Credit Hours
0.75

TEL-317T Mthds&MaterialTchgEngLangLrnr

Course Description
This is an advanced course in the teaching of bilingual and sheltered English instruction to English language learners (ELLs). Students will learn different approaches and methodologies used to support the development of listening, speaking, reading, and writing in social and academic contexts. The course provides opportunities for teacher candidates to develop curriculum for ELLs in bilingual and ESL classrooms, and examine instructional delivery through videotaping and analyzing practice. This course requires 20 field experience hours in an ESL and/or bilingual P-12 classroom. Prerequisites: TEL 204 and TEL 212 and admission to teacher education.

Credit Hours
0

TEL-319 Linguistics Sec Lang Lrnrs

Course Description
The purpose of this course is to introduce linguistic concepts as they apply to teaching in a variety of contexts (including but not limited to) monolingual and bilingual classrooms. In addition, this course is designed to provide teachers with a meta-linguistic awareness in order to facilitate learning and instruction. This course will help students understand, think, and talk about the complexities of language, learning, and human development. The fields of linguistics, applied linguistics, and linguistic anthropology are dedicated to questions about the nature, function, and purposes of language. Students will use readings anchored in these disciplines to apply linguistics for teaching. This course requires 20 field experience hours in an ESL and/or bilingual P-12 classroom. Prerequisite:EDU 104.

Credit Hours
0.75

TEL-439 Assessmnt Eng Lang Learners

Course Description
This advanced course will focus on the discussion of basic principles and current approaches to assessment of language learning students in ESL and bilingual P-12 educational settings, including the policies, procedures, and issues that inform the assessment of English Language Learners (ELLs). Students will learn about the different purposes of process and product assessment tools, authentic and curriculum-based forms of assessment, issues in the assessment of ELLs, and assessment of academic content knowledge. As teacher candidates, students will have opportunities to examine critically and practice administering assessment tools used in current educational contexts. Students will learn to identify language needs and how to differentiate them from developmental needs. This course requires 20 field experience hours in an ESL and/or bilingual P-12 classroom. Prerequisites: TEL 204, TEL 212, TEL 317 and TEL 319 and admission to teacher education.

Credit Hours
0.75

TEL-448 Inquiry&Appl BilngualMthds I

Course Description
This course is the first part of a 2-course sequence in the inquiry and application of bilingual and ESL methods. In TEL 448, teacher candidates will design an action research proposal, which they will implement in TEL 449. The proposal will address how they will study their own teaching of bilingual and ESL methodologies that support the development of listening, speaking, reading, and writing in social and academic contexts. In preparation for conducting their action research in TEL 449, teacher candidates in TEL 448 will learn how to use action research methods to collect data on teaching practices and for research projects. They also will develop a situated and transformative action plan for future teaching that is anchored in sociocultural views of learning. Prerequisites: TEL 204, TEL 212, TEL 319, TEL 317, and TEL 439 and admission to teacher education.

Credit Hours
0.5

TEL-449 Inquiry&ApplBilngualMthds II

Course Description
This course is the second part of a 2-course sequence in the inquiry and application of bilingual and ESL methods. Students will implement an action research proposal of teacher inquiry that they developed in TEL 448. Students will study their own teaching of bilingual and ESL methodologies that support the development of listening, speaking, reading, and writing in social and academic contexts. Teacher candidates also will implement their action plans developed in TEL 448 to collect classroom data, analyze critically their own bilingual and ESL instructional practices, and report findings that inform their future teaching of language learners. This course requires 30 field experience hours in an ELS and/or bilingual P-12 classroom. Prerequisite: TEL 448

Credit Hours
0.25

THE-173 Improvisation Ensemble

Course Description
Quarter course or non-credit. This course contains training, rehearsal, and performance in acting improvisation techniques, including on-the-spot improvisation, sketch comedy, uses of improv in pedagogy, and solo and ensemble improvisation as a creative technique. The ensemble will perform and offer seminars and workshops on campus as well as at area high schools, junior colleges, and civic events. Pass/No Pass grading. Repeatable for credit. Must be taken for credit to count toward major.

Credit Hours
0

THE-175 Theatre Practicum

Course Description
Quarter course or non-credit. Practical study in all phases of theatre, including performance, technical production, and management. Students are required to average five hours of participation per week and to attend seminars arranged by theatre faculty and led by theatre professionals. Pass/No Pass grading. Repeatable for credit. May be taken for non-credit.

Credit Hours
0

THE-208 Mid East Dance Thru Hist to Today

Course Description
A multifaceted exploration of the development of Middle/Near Eastern Dance (RAKS SHARQI) throughout history to its current status. The political, sociological, ethnomusicology, theological, historical (and more) environments that have shaped, developed, hindered, grown and evolved this dance form are studied. The origin of the misnomer "belly dance" will be addressed. Special focus will be on the impact of religion and politics on this performance art. The course will be taught in both classroom and studio settings. No prerequisite. January Term.

Credit Hours
1

THE-221 Dance Appreciation

Course Description
Designed for all individuals; no prior dance experience is necessary. A survey of dance as an art form in the United States, ranging from the early 1900s through to the present. Students will learn about the history and evolution of dance in its various form through lecture and required reading, viewing and discussing videos relating to lectures and outside reading, and viewing live dance-related performances on campus and throughout the greater Chicago area. Students will also participate in movement exercises in class initiated by the instructor that physicalize what has been recently read and viewed. Alternate years, Spring term.

Credit Hours
1

THE-225 Acting

Course Description
This course is an exploration of the theory and practice of stage acting, from basic technique to ensemble performance. Open to all students, regardless of experience. Recommended for non-majors.

Credit Hours
1

THE-226 Acting Technique I

Course Description
The beginning course in the actor training sequence. The student will gain a strong foundation in acting technique through character development, strong acting choices, acting exercises, and voice and movement technique. Prerequisite: theatre, musical theatre, or speech/theatre education majors, theatre minors or consent of instructor. Fall Term

Credit Hours
1

THE-227 Development of the Theatre

Course Description
An introduction to the art of the theatre from its historical roots to contemporary practice. Topics include theatre as an art form, the structure and types of drama, theatre architecture, the role of the audience, and contemporary production practice. It is recommended that theatre majors take this course early in their program.

Credit Hours
1

THE-228 Stagecraft

Course Description
A theoretical and practical study of the traditional and contemporary techniques involved in play production. Fall Term.

Credit Hours
1

THE-238 Introduction to Design

Course Description
This course introduces the basic elements of design. Students will discover how line, shape, color, value and texture work together in all theatrical design areas to create good storytelling. Spring Term.

Credit Hours
1

THE-273 Improvisation Ensemble

Course Description
Quarter course or non-credit. This course contains training, rehearsal, and performance in acting improvisation techniques, including on-the-spot improvisation, sketch comedy, uses of improv in pedagogy, and solo and ensemble improvisation as a creative technique. The ensemble will perform and offer seminars and workshops on campus as well as at area high schools, junior colleges, and civic events. Pass/No Pass grading. Repeatable for credit.

Credit Hours
0

THE-275 Theatre Practicum

Course Description
Quarter course or non-credit. Practical study in all phases of theatre, including performance, technical production, and management. Students are required to average five house of participation per week and to attend seminars arranged by theatre faculty and led by theatre professionals. Pass/No Pass grading. Repeatable for credit. May be taken for non credit

Credit Hours
0

THE-292 Independent Study in Theatre

Credit Hours
0.25

THE-301 Voice & Movement for the Stage

Course Description
A practical laboratory course for the exploration of physiological and phonetic foundations in voice and movement for the stage. This fundamental course encourages students to explore and develop their personal physical and vocal awareness and control. Spring term.

Credit Hours
1

THE-302 Ballet

Course Description
Half course or 0 credit. Designed for all levels of dancers; no prior dance experience is necessary. This course focuses on providing a strong foundation of the core, classical ballet technique. Each class will consist of a thorough barre warm-up, center technique exercises, across-the-floor patterns, and cumulative combinations choreographed by the instructor. A stronger sense of body awareness, balance, flexibility, and core-centering strength will be developed. Repeatable for credit. Must be taken for credit to count toward major. Maybe taken for noncredit.

Credit Hours
0

THE-303 Jazz Dance

Course Description
Half course or 0 credit. Designed for all levels of dancers; no prior dance experience is necessary. Students will learn and perfect the fundamentals of jazz movement vocabulary, learning the style and technique of this genre. Each class will consist of a thorough warm-up, center technique, across-the-floor patterns, and cumulative combinations choreographed by the instructor. The aim of this

course is to create knowledge of and enthusiasm for jazz dance as a popular art form. A stronger sense of body awareness, balance, flexibility, and rhythmic sensibility will also be developed. Repeatable for credit or non-credit. Must be taken for credit to count for major or minor.

Credit Hours
0

THE-304 Tap Dance

Course Description
Half course or 0 credit. Designed for all levels of dancers; no prior dance experience is necessary. A strong foundation in core tap vocabulary is established, focusing on a musical theatre-based tapping style. Each class will consist of a warm-up, center technique, across-the-floor patterns, and cumulative combinations choreographed by the instructor. Students will also have the opportunity to learn about significant contributors to the field and to watch footage of various tap artists and discuss their insights. A stronger sense of rhythm and musicality will be developed. Repeatable for credit. May be taken for noncredit. Must be taken for credit to count toward major.

Credit Hours
0

THE-305 Social Dance and Period Styles

Course Description
Half course or 0 credit. Designed for all individuals; no prior dance experience is required. Students will learn the style and technique of various period-specific dance forms: Waltz, Foxtrot, Polka, Tango, Cha-Cha, Charleston, Swing, and Jitterbug. Specific attention will be given to learning proper partnering techniques thereby developing participant's special awareness. Students will also be exposed to the masters of these dance genres by watching related video footage.

Credit Hours
0

THE-306 Modern Dance Technique

Course Description
This course is designed for all levels of dancers; no prior dance experience is required. Each class will consist of a thorough warm-up, center technique exercises, across-the-floor patterns, and cumulative combinations choreographed by the instructor. Students will be encouraged to express themselves physically, in both literal and abstract ways, and thereby expand their movement vocabularies. A stronger sense of rhythm, musicality, flexibility and core strength will be developed as students are introduced to basic styles and technique principles of various modern choreographers. May be taken for credit or noncredit. Must be taken for credit to count toward minor or major. Repeatable for credit. Prerequisite: THE 306 or consent of the instructor.

Credit Hours
0

THE-310 Dance Ensemble

Course Description
Dance Ensemble is designed for serious dancers. Prior dance experience is required. Simulating a dance company experience, the course focuses on student choreography of group works and the building of new dance repertoire through a collaborative process. The course will culminate in a performance that is a scheduled event in the theatre season. Can be taken for credit or non-credit. Repeatable for credit.

Credit Hours
0

THE-314 History of Musical Theatre

Course Description
A survey of the development of American musical theatre from its origins in the 19th century through its current place in 21st-century culture. Spring term.

Credit Hours
1

THE-325 Oral Interpretation

Course Description
A lecture and laboratory course dealing with the analysis, appreciation, and communication of literature to an audience. Spring term.

Credit Hours
1

THE-326 Acting Technique II

Course Description
An intermediate course in which the student will refine abilities in making strong acting choices, through basic character development, acting exercises, and scene study. Prerequisite: THE 225 or THE 226 or consent of instructor.

Credit Hours
1

THE-328 Intermed Design for Stage

Course Description
In this course, students will learn how to research and analyze scripts within the context of design, and utilize the basic elements of design in a collaborative environment to create designs in lighting, scenery and costumes.

Credit Hours
1

THE-329 World Theatre & Drama in Cultural Contxt

Course Description
An investigation of specific world cultures and civilizations through the study of performance traditions, dramatic literature, cultural studies, and historical texts. At the end of the course, the student will be able to critically discuss issues involving culture, civilization, politics, religion, faith, art forms, and dramatic literature. The course investigates specific performance traditions and dramatic

literature of cultures and co-cultures were chosen from Asia, Africa, Australia, Europe, South America, and North America. Prerequisite: Sophomore standing or consent of the instructor. Spring Term.

Credit Hours

1

THE-331 History of Westrn Theatre I

Course Description

A historical survey of theatre and drama as a reflection of Western society from classical Greece through the English Restoration, 1660-1700. Fall term.

Credit Hours

1

THE-332 History of Westrn Theatre II

Course Description

A historical survey of theatre and drama as a reflection of Western society from the English Restoration through the 20th century.

Credit Hours

1

THE-338 Costume Construction

Course Description

This course is an introduction and overview of the techniques of costume construction. It is designed to provide practical skills in the basics of sewing and in the fundamentals of costume construction. Projects, activities, and topics will include the costuming process, the investigation of fabrics, and introduction to the development of patterns, clothing terminology, garment construction, and methods of altering the look of both fabric and garments.

Credit Hours

1

THE-340 Creative Drama

Course Description

A participatory study of creative dramatics, an improvisational, process-oriented form of theatre. Experiences include individual and group work, movement and pantomime, improvisation and creative playmaking. Theoretical and the exploratory study includes the development of strategies for utilizing creative dramatics in various settings across the K-12 spectrum.

Credit Hours

1

THE-350 Play Analysis

Course Description

This course investigates play analysis-the academic and creative processes of exploring scripts as foundations for creating performance. Analysis will explore dramatic action, dramatic structure, character development, environments, which shape the action of a play, and the challenges of context and convention. This writing-intensive course will include a wide range of writing perspectives, including dramaturgy, performance critique and an exploration of theory.

Credit Hours

1

THE-352 Special Topics in Theatre

Course Description

An opportunity for an intensive exploration of a the particular topic is chosen by the instructor.

Credit Hours

0.5

THE-372 TheatricThry:Theatre&SocJust

Course Description

Theatre and Social Justice is designed to introduce students to the history and study of theatre. Students will explore the global nature of theatre and the use of theatre as a tool for social change and rehabilitation. The course will expand students' knowledge of the theatre beyond a form of entertainment to an understanding of its place as a vital forum for political, cultural, and social issues.

Credit Hours

1

THE-373 Improvisation Ensemble

Course Description

Quarter course or non-credit. This course contains training, rehearsal, and performance in acting improvisation techniques, including on-the-spot improvisation, sketch comedy, uses of improv in pedagogy, and solo and ensemble improvisation as a creative technique. The ensemble will perform and offer seminars and workshops on campus as well as at area high schools, junior colleges, and civic events. Pass/No Pass grading. Repeatable for credit.

Credit Hours

0

THE-375 Theatre Practicum

Course Description

Quarter course or non-credit. Practical study in all phases of theatre, including performance, technical production, and management. Students are required to average five hours of participation per week and to attend seminars arranged by theatre faculty and led by theatre professionals. Pass/No Pass grading. Repeatable for credit. May be taken for non credit.

Credit Hours

0

THE-402 Advanced Ballet

Course Description

Half course or 0 credit. A more accelerated, advanced version of THE 302. Prerequisite: THE 302 or consent of instructor. Repeatable for credit. Must be taken for credit to count toward major.

Credit Hours

0

THE-403 Advanced Jazz

Course Description
Half course of 0 credit. A more accelerated, advanced version of THE 304. Prerequisite: THE 304 or consent of instructor. Repeatable for credit. Must be taken for credit to count toward major.

Credit Hours
0

THE-404 Advanced Tap

Course Description
Half course or 0 credit. A more accelerated, advanced version of THE 304. Prerequisite: THE 304 or consent of instructor. Repeatable for credit. Must be taken for credit to count toward major.

Credit Hours
0

THE-405 Adv Social Dance & Period Styl

Course Description
Half course of 0 credit. A more accelerated, advanced version of THE 305. Prerequisite: THE 305 or consent of instructor. Repeatable for credit. Must be taken for credit to count toward major.

Credit Hours
0

THE-406 Adv Modern Dance Technique

Course Description
This course is designed for experienced modern dancers; extensive modern dance experience is required. Each class will consist of a thorough warm-up, center technique exercises, across-the-floor patterns, and cumulative combinations choreographed by the instructor. Students will be expected to express themselves physically, in both literal and abstract ways, and thereby expand their movement vocabularies. A stronger sense of rhythm, musicality, flexibility, and core strength will be developed. Students will also have the opportunity to gain a sense of the history of modern dance by viewing footage of historically significant pioneers of modern dance. Students will be applying the more advanced technique principles and styles of various noteworthy modern dance choreographers/forms: Martha Graham (core contractions, psychological expression through movement, abstract dance story-telling); Doris Humphrey (releasing into gravity); Merce Cunningham (linear-oriented technique with strong core assumed); "Release" Technique. May be taken for credit or non-credit. Must be taken for credit to count toward minor and major. Repeatable for credit. Prerequisite: THE 306, or consent of the instructor.

Credit Hours
0

THE-410 Teaching of Dance

Course Description
This course is designed for dance artists and choreographers aiming to teach dance in school systems, private studios, and/or professional venues. Through textbook analysis, lecture/discussions, and various class activities, students will become able to present dance and movement vocabulary with a strong focus and clarity. Students will also be challenged to teach with artistic potency, making the experience of learning dance vocabulary enriching and fulfilling creatively. Alternate Fall terms.

Credit Hours
1

THE-412 Professionl Developmnt in THE

Course Description
Quarter course A seminar for all THE majors in the Department of Communication Arts and Sciences that prepares students for entry into the professional world. Culminates in completion of the student portfolio for professional development and career preparation. Pass/No Pass grading.

Credit Hours
0.25

THE-421 Choreography of Dance

Course Description
This course is designed for serious dance students with strong interest in and background of dance. Various artistic methods for approaching choreography, the composition of dance, are covered. Different approaches to the creative the process behind dance composition are explored, and each student will be challenged to invent his/her own approach to the creation of dance movement. Students will also be exposed to various methods of presenting and teaching dance material to others. Prerequisite: at least one 400-level dance course, or consent of instructor. Alternate Spring terms.

Credit Hours
1

THE-424 Directing

Course Description
A capstone course designed to examine the art and process of play direction in a seminar as well as a laboratory setting. Prerequisite: THE 226 or equivalent or consent of instructor. Spring Term.

Credit Hours
1

THE-426 Acting Technique III

Course Description
Advanced scene study and monologue preparation. Emphasis is placed on preparing for auditions and professional acting. Prerequisite: THE 225 or THE 326 or consent of instructor. Fall Term.

Credit Hours
1

THE-440 Teaching Theatre Arts

Course Description
A study of general pedagogical principles that apply to the teaching of communication and theatre in secondary schools. Prerequisite: SEC 410. Open to seniors or with the consent of instructor.

Credit Hours
1

THE-468 Internship

Course Description
Designed to provide junior and senior theatre majors with supervised, on the- job experience with participating professional theatres or media stations. May be taken during the regular term with part-time employment of seven to 13 hours weekly for .50 credit, 14 to 17 hours weekly for 1.00 credit, 18 to 20 hours weekly for 1.50 credit, or during Summer Term with 36 to 40 hours per week. Applications should be made early in the term preceding registration and are reviewed on the basis of academic grade-point average, faculty recommendations, professional progress and demonstrated interest. Offered for Pass/No Pass grading. Prerequisite: consent of instructor required during previous term unless exception is granted by the internship coordinator.

Credit Hours
1

THE-470 Avant Garde Theatre

Course Description
This seminar will allow students to become familiar with the new and creative dramatic and performance styles of the twentieth century. From Ibsen to the Theatre of the Absurd and Dadaism to the Living Theatre, the twentieth century was an era of innovation and experimentation. Through the reading of dramatic literature and the history of various styles and movements, students will gain an understanding of contemporary theatre. January Term.

Credit Hours
1

THE-471 Holocaust Theatre

Course Description
Study of theatre, performance, film, and dramatic literature related to the Holocaust, including an examination of historical and contextual views of society and of social responsibility. Students will explore the roles of nations and individuals within the situations of the Holocaust before, during and after World War II. With its tradition and mission of examining human nature and narrative, the theatre brings a a compelling approach to the analysis of the events and context of the Holocaust through this study of performance and performance texts.

Credit Hours
1

THE-473 Improvisation Ensemble

Course Description
Quarter course or non-credit. This course contains training, rehearsal, and performance in acting improvisation techniques, including on-the-spot improvisation, sketch comedy, uses of improv in pedagogy, and solo and ensemble improvisation as a creative technique. The ensemble will perform and offer seminars and workshops on campus as well as at area high schools, junior colleges, and civic events. Pass/No Pass grading. Repeatable for credit.

Credit Hours
0

THE-475 Theatre Practicum

Course Description
Quarter course or non-credit. Practical study in all phases of theatre, including performance, technical production, and management. Students are required to average five hours of participation per week and to attend seminars arranged by theatre faculty and led by theatre professionals. Pass/No Pass grading. Repeatable for credit. May be taken for non credit.

Credit Hours
0

THE-492 Independent Study in Theatre

Course Description
Studies may include creative projects as well as directed reading and research in theatre. Open to juniors and seniors with consent of instructor.

Credit Hours
0.25

THE-495 Honors Independent Research

Course Description
This course gives Honors Program students the opportunity to design and implement a significant research project in the field of theatre arts, culminating in an appropriate public dissemination of research methods and findings. This research must build upon previous coursework taken within the major or minor, facilitating faculty supervision and guidance. Repeatable for credit. Permission of the faculty supervisor and the director of the Honors Program required prior to registration.

Credit Hours
0.5

THE-498 Theatre Capstone

Course Description
This course serves as a culmination of scholarship and creative application of theatre studies and practice. Designed for seniors, the course addresses pre-professional preparation and addresses the needs of students preparing for graduate study. This course has the potential for integrating theatre with other disciplinary studies. In this seminar course, students will develop final projects in consultation with faculty advisors. Projects will include research, writing, and creative components. Projects may include informal or formal presentations on or off-campus. Prereq: THE350

Credit Hours
1

TN-994 Tean

Course Description
Used as a placeholder for course taken with TEAN

Credit Hours
0.25

TN-995 Tean

Course Description
Used as a placeholder for course taken with TEAN

Credit Hours
0.25

TN-996 Tean

Course Description
Used as a place holder for course taken with TEAN

Credit Hours
0.25

URB-210 Cities

Course Description
The history of cities from antiquity to the present. Attention is given to similarities and contrasts in the growth and history of cities. Special emphasis on the development of cities in the Western hemisphere.

Credit Hours
1

URB-291 Suburbia: People, Problems, & Policies

Course Description
Examines a distinctive form of contemporary life-the suburbs. The history, organizational structures, and values of suburbia. Field trips and guest lecturers provide insight into current ideas for suburban development.

Credit Hours
1

URB-292 Independent Study

Course Description
An independent and concentrated reading course centering around a specific problem area, a single field of specialization or a concentration on the writings of major urban thinkers. May be repeated for credit. Written permission of the instructor is required. Prerequisite(s): No prerequisite. As requested.

Credit Hours
0.5

URB-320 Sustainable Urban Development

Course Description
This course examines the social, economic, political, governmental, and environmental dimensions of sustainable urban development. Some of the major themes explored include sustainable energy, urban planning, urban demographic trends, environmental justice, green building, urban sprawl, infrastructure, transportation, public health, global climate change, and democratic participation.

Credit Hours
1

URB-421 Practical Politics & Political Campaign

Course Description
Involves the student directly in politics. Classroom theory is tested when the student participates in a political campaign for a candidate or political party. Every term, as needed.

Credit Hours
0.5

URB-430 Seminar in Urban Studies

Course Description
Students will develop basic research techniques and work on a particular topic for an in-depth study. The course will vary in terms of topics and experience. May be repeated for credit. Prerequisite(s): No prerequisite.

Credit Hours
0.5

URB-445 Senior Seminar: Topics in POL & URB

Course Description
This seminar serves as a capstone experience and is to be taken in the fall of a student's final year. The seminar seeks to foster in students the abilities to 1) analyze contemporary political or urban problems utilizing disciplinary concepts, methodologies and theories; and 2) conduct and present scholarly research on contemporary political problems. In this capstone research paper, students will explore an important political or urban problem from the perspective of one of the subfields and methodologies. Through a focus on research design and methodology, information literacy, and the process and conventions of writing in political science and urban studies, the seminar will provide a supportive framework for students to complete the senior research paper. By permission only.

Credit Hours
1

URB-468 Internship

Course Description
The primary purpose is to give the student an opportunity to apply classroom learning to a practical work experience. Academic credit for a term of employment at 15 to 20 hours per week in a governmental agency, community organization, lawyer's office, planning commission or public agency. Evaluation of

employee by the employer and a research report by the student are required. Full-time summer study is possible. May be repeated for credit. Every term, as needed.

Credit Hours
0.5

URB-492 Independent Study

Course Description
An independent and concentrated reading course centering around a specific problem area, a single field of specialization, or concentration on the writings of major urban thinkers. Written permission of the instructor isrequired. As requested.

Credit Hours
0.5

URB-495 Honors Independent Research

Course Description
This course gives Honors Program students the opportunity to design and implement a significant research project in the field of urban studies, culminating in an appropriate public dissemination of research methods and findings. This research must build upon previous coursework taken within the major or minor, facilitating faculty supervision and guidance. Repeatable for credit. Permission of the faculty supervisor and the director of the Honors Program required prior to registration.

Credit Hours
0.5

WL-209 World Literature in English

Course Description
An introduction to the literatures of the French, German, Italian, and Spanish speaking countries, particularly as they reflect the literary and cultural traditions of these regions. Major focus varies according to the background of the faculty member involved. Taught in English. No prerequisite.

Credit Hours
1

WL-215 Genocide & the Holocaust

Course Description
Study of the causes, development, and contemporary and current responses to the Holocaust. Reading of accounts of survivors and scholars struggling with the meaning of the Holocaust. Requires students to wrestle with the hows and whys of the Holocaust and their significance for their personal and social values. No prerequisite.

Credit Hours
1

WL-230 Chinese Art & Calligraphy

Course Description
This course is a survey of Chinese visual art with focus on calligraphy. Through an introduction of the major artistic works, primarily calligraphy and painting, from the major Chinese historical periods, we aim to provide a broad framework on Chinese culture reflected in arts. Students will receive instruction and first-hand experience in producing Chinese calligraphy and develop an artistic appreciation of beautiful writing not just limited to the Chinese tradition.

Credit Hours
1

WL-309 World Cinema

Course Description
A historical survey of a national cinema of a country other than the United States, from its early beginnings to the present day. Study of representative films, directors, genres and movements, as well as the cultural contexts that gave rise to them.

Credit Hours
1

WL-315 Study Abroad Travel

Course Description
Study Abroad Travel

Credit Hours
1

WL-320 Non-West Culture/Lit & Film

Course Description
A topical cultural study of Africa, Latin America, or Asia. Literature and feature films from and about selected countries. Students also study the arts, history, and cultural anthropology of these countries. Goals: understanding and appreciation of traditions and current issues of non-Western cultures and their place in a global society. No prerequisite.

Credit Hours
1

WL-440 Spec Mthds/Tchg World Lang

Course Description
A study of recent trends, materials, and techniques, as well as a consideration of practical problems in the teaching of grammar, culture, and literature. Includes lesson presentations to college classes and videotaping of them. Prerequisites: SEC 300 and SEC 310.

Credit Hours
1

WL-451 Senior Research Capstone

Course Description
An intensive guided investigation of a unique research thesis in the area of literature, linguistics, second-language instruction and/or acquisition, cultural studies, gender studies or other interdisciplinary studies in the target language of

the major. Students will work with instructor and a cohort of students, meeting throughout the semester to present preliminary research, bibliographies, reflective journal entries, make presentations and complete multiple drafts of a major research project. Required of all majors during one of the final two semesters of study.

Credit Hours

0.5

WL-468 Capstone Internship

Course Description

This half-course is required of all multi-language majors and available to all students. It also fulfills the university's requirement for experiential learning, which can also be fulfilled through similar experiences in other departments or study abroad. Requirements include five to eight hours of off-campus internship each week for a minimum of 10 weeks (totaling 50 to 80 hours for the term), a working bibliography, reflective essays and final project as approved by supervising professor.

Credit Hours

0.5

WL-492 Independent Study

Credit Hours

1

WL-495 Honors Independent Research

Course Description

This course gives Honors Program students the opportunity to design and implement a significant research project in the field of world languages, culminating in an appropriate public dissemination of research methods and findings. This research must build upon previous coursework taken within the major or minor, facilitating faculty supervision and guidance. Repeatable for credit. Permission of the faculty supervisor and the director of the Honors Program required prior to registration.

Credit Hours

0.5