



MAJOR EVALUATION FORM
**Double Major in MATHEMATICS and SECONDARY MATHEMATICS
 EDUCATION for licensure (5-8 and 9-12) (BS)**
 Note: See additional Education and prerequisite courses required for licensure on
 the back side of this form.

Name _____

eNumber _____

**Transfer students must complete at least half of the course credits required for this major at Elmhurst University.
 1.0 course credit = 4 semester hours**

| EU Course # | EU Course Title | Transfer Institution | Transfer Course # | Course Credit | Grade |
|--|--|----------------------|-------------------|---------------|-------|
| 9.0 to 9.50 COURSES REQUIRED | | | | | |
| MTH 251 | Calculus III [prereq: MTH 152, grade of C or better] | | | | |
| MTH 301 | Discrete Mathematics [prereq: MTH 151] | | | | |
| MTH 362 | Linear Algebra [prereq: MTH 251 and MTH 301] | | | | |
| MTH 400 | Research Methods in Mathematics [.50 course] | | | | |
| MTH 451 | Senior Paper [.50 course; prereq: MTH 400, grade of C or better] | | | | |
| Five to 5.5 additional courses to be approved by the Department Chair. (If one of the concentrations listed below is chosen, those courses are included in the five to 5.5 required courses.)* | | | | | |
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| TEACHING CONCENTRATION – must take all courses – required for licensure and Secondary Mathematics Education: MTH 326 [.50 course], MTH 331, MTH 346, MTH 361, MTH 381 and MTH 440 Other concentrations listed here for advising purposes only, for Mathematics major without licensure: APPLIED MATHEMATICS CONCENTRATION: MTH 311, MTH 341, MTH 342, MTH 434 and one elective from the remaining courses in the Mathematics curriculum*. GRADUATE SCHOOL CONCENTRATION: MTH 361, MTH 381, MTH 434, MTH 444 and one elective from the remaining courses in the Mathematics curriculum*. BUSINESS/FINANCIAL CONCENTRATION: MTH 311, MTH 346, MTH 348, MTH 421, plus one upper division course in the Mathematics curriculum*. We recommend MTH 468. DATA SCIENCE CONCENTRATION: MTH 302, MTH 346, MTH 421, MTH/CS 146, CS 220, IS 380, IS 423, plus two upper division courses in the Mathematics curriculum*. We recommend MTH 311 and MTH 341. | | | | | |
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*Note: The Mathematics curriculum excludes MTH 325, MTH 326 (only offered for teaching concentration) MTH 327 and MTH 345

Notes:

Evaluator _____

Date _____

Update(s) _____

Turn form over →

For Mathematics Majors seeking Licensure, the courses listed below are also required.

Receipt of this form in no way indicates acceptance in the Education Program. Students may not enroll in any education courses (SEC) without first being admitted to the Education Program. Application to the Education Program requires a **minimum overall GPA of 2.75** from all institutions of higher learning. Students must also demonstrate basic academic proficiency in order to be admitted to the Department of Education. See the Department of Education for the ways currently available to do this. Please also see the **Application for Admission to a Teacher Education Program** on the University website for additional application information.

Mathematics majors must maintain a **major GPA of 2.50 or higher**. All courses taken to meet licensure requirements must be completed for a grade of C-(1.70) or higher. All educator preparation programs are subject to revisions required by changes from the Illinois State Board of Education.

ALL students must complete at least half of their Education courses, excluding SEC 200, 300, 450 and student teaching (SEC 455), at Elmhurst University and **must complete three full terms** [Fall/Spring] at Elmhurst University prior to student teaching.

Required Courses – Grades of C- (1.70) or Higher

| EU Course # | EU Course Title | Transfer Institution | Transfer Course # | Course Credit | Grade |
|-------------|---|----------------------|-------------------|---------------|-------|
| EDU 104 | Cultural Foundations of Education in the United States | | | | |
| | Math Proficiency met <u>or</u> 1 College-Level Math course [MTH 110 or higher; NOT MTH 325 or 326] <u>or</u> AP Credit | | | | |

Professional Education Courses – Grades of C- (1.70) or Higher

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|---------|---|--|--|--|--|
| SEC 100 | Intro. Seminar to Teaching as a Caring Profession [.25 course; co/prereq: EDU 104, Admission to Program] | | | | |
| EDU 223 | Education of PK-12 Learners with Exceptionalities | | | | |
| SEC 300 | Intermediate Seminar for Teaching in Diverse & Inclusive Schools [.25 course; prereq: SEC100] | | | | |
| SEC 310 | Methods and Best Practices in Secondary Education [prereqs: SEC 100, SEC 223, SEC 311; coreq: SEC 300] | | | | |
| EDU 311 | Educational Psychology [prereqs: ENG 106 OR EDU 104] | | | | |
| TEL 317 | Methods and Materials for Teaching English Language Learners (.75) [co/prereq: SEC 310] | | | | |
| SEC 360 | The Middle School History, Philosophy, Organizational Structures and Best Practices | | | | |
| SEC 421 | Theory and Practice for Building Academic Literacies in K-12 Classrooms [prereqs: SEC 300, 310] | | | | |
| MTH 440 | Teaching of Middle School and Secondary School Mathematics [prereqs: SEC 300, SEC 310; Fall] | | | | |
| SEC 450 | Advanced Seminar in Teacher Collaboration & Professional Practice [.25 course; prereqs: SEC 300, SEC 310] | | | | |
| SEC 455 | Student Teaching in Secondary and Middle Schools [3.0 course] | | | | |

Notes:

Evaluator _____ Date _____ Update(s) _____