



Master of Science in **DATA SCIENCE AND ANALYTICS (MDSA)**

HONE YOUR SKILLS IN ANALYTICS AND AI APPLICATIONS

Modern analytics and AI applications increasingly impact nearly every line of work. The **M.S. in Data Science and Analytics** program allows students to develop the data, analytics and AI skills you need to give you a professional edge.

21
months to
degree completion

30
semester hours

10
courses

\$27,600
total tuition costs
\$920 per semester hour
\$300 student fee for Fall
and Spring Terms only

**tuition and fees
subject to change*

STEM
designated program



School of
Graduate Studies

EMPOWERING THE NEXT GENERATION OF LEADERS

The Master of Science in Data Science and Analytics program provides a comprehensive foundation that creates a multitude of opportunities in any professional setting.

Through this program, you will:

- Master key analytical techniques and tools for working with structured and unstructured data.
- Gain hands-on experience applying the CRISP protocol to real-world data projects.
- Learn to drive organizational change through data-informed decision-making in a focused area of application.
- Build the skills to stay current with evolving technologies and methods, while considering ethical and societal impacts.

THRIVE IN A CAREER IN BUSINESS, GOVERNMENT OR THE NONPROFIT SECTOR

- Business Analyst
- Customer Analytics Manager
- Director of Enterprise Data and Analytics
- Data Scientist
- Risk Manager
- Principal, Strategic Planning and Analytics
- Market Research Analyst
- Operations Manager
- Artificial Intelligence Engineer

**California,
Illinois & Texas**
States with the highest
employment level in this occupation

\$112,590
National mean annual wage
for Data Scientists and
Mathematical Science Occupations
(Bureau of Labor Statistics, bls.gov, 2024)



Our program was already ranked among the best by U.S. News & World Report. Now, we're taking it to the next level by integrating AI into every part of what we teach.

Kip Carlson
Program Director
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PROGRAM FORMAT

EU Flex format:
online or on-campus

Completed in 21 months



PREFERRED APPLICATION DEADLINES

Fall Term: August 15

Spring Term: January 15

Scan for more info:



Course Sequence

Students complete 10 courses for a total of 30 semester hours. Courses are eight week sessions, available on-campus or online.

YEAR ONE

Fall Term

MDS 546 **Methods of Exploratory Data Analysis**
MDS 523 **Data Warehousing**

January Term

MSD 561 **Data Governance and Project Management**

Spring Term

MDS 534 **Introduction to Predictive Modeling**
MDS 560 **Advanced Enterprise Analytics**

Summer Term

MDS 575 **Generative and Applied AI**

YEAR TWO

Fall Term

Elective 1

Elective 2

Spring Term

Elective 3

Elective 4

Admission Requirements

- A bachelor's degree from a regionally accredited U.S. institution or foreign equivalent
- A basic course in statistics (with a grade of C or better) and prior coursework in programming or equivalent professional experience are prerequisites to the program
Our prerequisites may be completed with satisfactory completion of a short LinkedIn Learning course prior to starting classes with us
- Applicants must also have at least one year of professional experience, which may be waived with the director's approval
- An admission interview with the program director is required for all applicants

Expand Your Résumé with an MBA

Graduates of Elmhurst's M.S. in Data Science and Analytics program are eligible to apply to the MBA Option, a one-year program that leads to an MBA with a specialization in Data Science.

Consider a Graduate Certificate in Data Science

If it's not the right timing for a masters degree, consider a Graduate Certificate in Data Science. This program consists of five courses from the M.S. in Data Science and Analytics programs: three core courses and two elective courses.