

MASTER OF SCIENCE IN

Applied Data Intelligence and Machine Learning

Mercer's **Master of Science (M.S.) in Applied Data Intelligence and Machine Learning** provides a curriculum that includes programming, data structures and algorithms, machine learning, and computational statistics, culminating in a capstone experience. Students may choose a concentration in one of the following areas:

- Artificial Intelligence
- Data Science
- Self-designed study with a faculty advisor

Students in the program gain knowledge and skills that are sought after in a range of academic fields and employment sectors, including cybersecurity, economics, energy, health sciences, human resources, social networks, supply chain and logistics, telecommunications, transportation, and more.

PROGRAM DETAILS

Format: Online

Start Term: January and August

Course Length: 8 weeks

Completion Time: 18–24 months

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Program of Study

Core Requirements: 12–18 hours

- INFD 601 Mathematics and Programming Foundation for Data Intelligence and Machine Learning*
- INFD 602 Programming for Data Intelligence and Machine Learning*
- INFD 605 Advanced Data Structures and Algorithms
- INFD 611 Foundations of Statistical Algorithms
- INFD 612 Data Processing and Manipulation
- INFD 622 Big Data and Computationally Intensive Supervised Machine Learning

*INFD 601 and INFD 602 may be waived

Capstone: 3 hours

- INFD 799 Capstone for Data Intelligence and Machine Learning

Concentration: 15 hours

Students will complete five courses in one of the following concentrations.

- Artificial Intelligence
- Data Science
- Self-designed study with a faculty advisor

Total Degree Requirements: 30–36 hours

Admission Requirements

Applicants seeking graduate admission must have bachelor's degree with an acceptable grade point average from a college or university accredited by an institutional accreditor recognized by the U.S. Department of Education.

REQUIRED APPLICATION MATERIALS INCLUDE:

- Completed application
- \$35 application fee (\$100 for international students)
- Official transcripts from all previously attended institutions
- Professional letter of recommendation
- Résumé

International applicants should consult the University catalog for additional requirements.



CONTACT US

Graduate Admissions

678.547.6417

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professionaladvancement.mercer.edu

SPECIAL CONSIDERATION PROGRAM

Qualified Mercer undergraduate students and alumni who graduated within the last two years may be eligible to become a Double Bear and earn a Mercer graduate or professional degree—including the Master of Science in Applied Data Intelligence and Machine Learning—through the University's Special Consideration Program. Program benefits include a waived application fee, priority admission consideration, and a 30% tuition benefit.

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