

Graduate Studies in Computer Science

Employment Opportunities

- Tech Companies
- Academia
- Government
- Research Scientists
- Finance / Insurance

Degrees

- MS in Computer Science
- MS in Cybersecurity
- PhD in Mathematical and Computational Sciences—Computer Science Option

Certificates

- Artificial Intelligence
- Cybersecurity
- Data Science
- Internet and Web
- Mobile Apps and Computing



Studies

- Full-time or part-time
- Any program can be completed with a mix of evening/online courses
- Teaching and research assistantships are available
- Some prior computing coursework and/or experience needed depending on specific program or certificate

Faculty Research Areas

Computer Science faculty members at UMSL work actively in cutting-edge research areas such as machine learning, artificial intelligence, cybersecurity, edge and cloud computing, computational biology, computer vision, data science, and computer graphics. Faculty have received research grants from NASA, NSF, NIH, and DoD grants, enabling more sponsored research opportunities.

What Will I Do With My Degree?

Graduates from the Department of Computer Science easily find positions as software engineers, software developers, financial analysts, game programmers, design engineers, and consultants. They work in industry, government, and education in diverse fields including cybersecurity, data science, machine learning/AI, computational biology, language technology, and human-computer interaction.

How Does UMSL Prepare Me For Success?

Blending innovative research with exceptional educational programs, the Department of Computer Science at UMSL provides graduate students with the theoretical foundations, research, and practical experiences necessary for success in a wide range of fields.

Our Courses Provide

- Flexibility
- Personalized attention
- Collaboration with faculty
- Cutting-edge technologies
- Hands-on learning



APPLY HERE

Domestic Applications Due By:

- Fall: July 1
- Spring: December 1
- Summer: May 1

International Applications Due By:

- Fall: May 1
- Spring: October 1



Contact Us Today

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General Graduate Information

