

Certificate in
Artificial Intelligence

UMSL | Computer
Science
University of Missouri–St. Louis

UMSL is a NSA/DHS National
Center of Academic Excellence in
Cyber Defense Education



College of Arts and Sciences

**Department of
Computer Science**

One University Boulevard
St. Louis, Missouri 63121-4400
Telephone: 314-516-5743
Fax: 314-516-5400

Undergraduate Certificate in Artificial Intelligence



The certificate in Artificial Intelligence is a five-course (15 credit hours) program. It provides skills and training necessary to start or progress in the growing areas of AI, with a range of electives to focus more specifically in one's desired direction of study. A minimum GPA of 2.5 is required for admission. All students must take two required courses and three electives.

A minimum of three courses must be taken from UMSL. Courses may be substituted with the permission of the certificate coordinator. For more information, students can contact the department chair or email info@arch.umsl.edu.

Required core courses		Availability
CMP SCI 3130	Analysis of Algorithms	FPS
CMP SCI 4300	Introduction to Artificial Intelligence	FP
Choose three of the electives		
CMP SCI 4151	Introduction to Stat Methods for Data Science	F
CMP SCI 4320	Introduction to Evolutionary Computation	P
CMP SCI 4340	Introduction to Machine Learning	F
CMP SCI 4342	Introduction to Data Mining	P
CMP SCI 4370	Introduction to Biological Data Science	F
CMP SCI 4390	Introduction to Deep Learning	P
CMP SCI 4420	Intro to Digital Image Proc. and Computer Vision	F
Total courses(credit hours)		5(15)

For more info about Computer Science visit umsl.edu/cs, for careers visit umsl.edu/cs/careers.

For electronic version visit <http://umsl.edu/cs/certificates>.

Availability: Summer (S), Fall (F), Spring (P)

Mode: Online  Evening 

For course rotation visit <https://www.umsl.edu/cmptsci/undergraduate-studies/3yearcourse.html>