

# Artificial Intelligence Engineering — MS

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The Master of Science in Artificial Intelligence Engineering (MS-AIEN) degree is a graduate degree that is open to everyone with a baccalaureate degree from an institution of recognized standing, either in computer science, software engineering or another STEM discipline, or with relevant professional experience that provides necessary background knowledge of programming, computing, and mathematics.

It entails a minimum of 30 semester graduate credit hours. All students are required to take three core courses (COMP 6130, COMP 6600, COMP 6630) and seven technical electives from a department-prescribed list of courses related to AI and its subareas such as machine learning, computer vision, natural language processing, etc. These electives may include 3 credit hours of directed studies (COMP 7930) and/or 3 credit hours of capstone engineering project (COMP 7980).

Students who have taken the 5000 level version of any 6000 level course cannot take the course in its 6000 level format. Those students must substitute other graduate courses as approved by the department. All courses required for the degree must be taken for a grade.

Code	Title	Hours
<b>Core Courses:</b>		
COMP 6600	Artificial Intelligence	3
COMP 6630	Machine Learning	3
COMP 6130	Data Mining	3
<b>Technical Electives:</b>		
Select 21 graded credits from a list of department-prescribed technical electives related to AI and its subareas.		21
<b>Total</b>		<b>30</b>