

ARTIFICIAL INTELLIGENCE, MINOR IN

The minor in artificial intelligence is focused primarily for students within the College of Engineering. The final course for this minor is targeted toward senior-level engineering students or other students with comparable skill sets. The minor consists of a minimum of 18 credits, including the following:

Course	Title	Hours
Required courses		
CMSC 225	Essentials of Artificial Intelligence	3
CMSC 436	Artificial Intelligence	3
MATH 310	Linear Algebra	3
Ethics elective		
Choose one of the following.		3
CMSC 235	Computing and Data Ethics	
PHIL 201	Introduction to Ethics	
PHIL 202	Ethics of Artificial Intelligence	
Coding elective		
Choose one of the following.		3-4
CLSE 115	Introduction to Programming for Chemical and Life Science Engineering	
CMSC 210	Computers and Programming	
EGRB 215	Computational Methods in Biomedical Engineering	
EGRE 246	Advanced Engineering Programming	
Elective		
Choose one of the following.		3
CLSE 572	AI/ML in Chemical and Life Science Engineering	
CMSC 437	Introduction to Natural Language Processing	
CMSC 438	Machine Learning	
EGMN 561	Artificial Intelligence in Mechanical and Nuclear Engineering	
EGRB 528	Fundamentals and Applications of Artificial Intelligence in Medical Imaging	
EGRB 534	Artificial Intelligence in Rehabilitation Engineering	
EGRE 512	Intelligent Autonomous Systems	
Total Hours		18