

ARTIFICIAL INTELLIGENCE, MINOR

PSCL 357	Cognitive Psychology	3
PSCL 402	Cognition and Information Processing	3

Program Overview

The Department of Computer and Data Science offers a minor in Artificial Intelligence available to all undergraduate students.

Undergraduate Policies

For undergraduate policies and procedures, please review the Office of Undergraduate Studies section of the General Bulletin.

Program Requirements

The minor consists of five courses. Every student who takes the minor in artificial intelligence must take the following two courses:

Required Courses

Code	Title	Hours
ENGR 131	Elementary Computer Programming	3
CSDS 391	Introduction to Artificial Intelligence	3

Students who take the Artificial Intelligence minor must also take an additional three courses from one of two minor tracks.

Technology Track (requires 3 of the following courses):

Code	Title	Hours
BIOL 373	Introduction to Neurobiology	3
BIOL 374	Neurobiology of Behavior	3
CSDS 465	Computer Vision	3
CSDS 477	Advanced Algorithms	3
CSDS 478	Computational Neuroscience	3
ECSE 350	Operations and Systems Design	3
ECSE 352	Engineering Economics and Decision Analysis	3
ECSE 360	Manufacturing and Automated Systems	3
ECSE 375	Applied Control	3
ECSE 411	Applied Engineering Statistics	3
ECSE 475	Applied Control	3
ECSE 484	Computational Intelligence I: Basic Principles	3
ECSE 489	Robotics I	3
ECSE 589	Robotics II	3
PHIL 201	Introduction to Logic	3
PHIL 306	Mathematical Logic and Model Theory	3

Cognitive Science Track (requires 3 of the following courses):

Code	Title	Hours
BIOL 373	Introduction to Neurobiology	3
BIOL 374	Neurobiology of Behavior	3
ENGL 301	Linguistic Analysis	3
PHIL 201	Introduction to Logic	3
PHIL 306	Mathematical Logic and Model Theory	3
PSCL 101	General Psychology I	3
PSCL 352	Physiological Psychology	3
PSCL 353	Psychology of Learning	3