The cognitive sciences minor provides an interdisciplinary approach to the study of mind, brain, and cognition, broadly construed. It complements the background of students intending to pursue graduate degrees in cognitive sciences, computer science, philosophy, psychology, biology, neuroscience, and medicine, as well as students with more immediate career goals in fields such as neural network modeling, neuroimaging, information technology, clinical or counseling psychology, biotechnology, and others.

Minor Admission Requirements
- None

Minor Requirements
- None

Prerequisite Courses
- Note: It is the student’s responsibility to complete satisfactorily all prerequisite courses prior to registering for each course. Students must check the most current catalog before registering, and abide by the prerequisites in effect at that time.

Required Courses (12 hrs)
- Foundation Courses
- Select from at least 4 subject areas.

Neuroscience
- PSB 3002  Physiological Psychology or 3 hrs
- PSB 4240  Neuropsychology or 3 hrs
- ZOO 3744  Neurobiology 3 hrs

Philosophy
- PHI 3320  Philosophy of Mind or 3 hrs
- PHI 3323  Minds and Machines: Philosophy of Cognitive Science or 3 hrs
- PHI 3451  Philosophy of Psychology or 3 hrs
- PHI 4341  Ways of Knowing or 3 hrs
- PHI 4400  Philosophy of Science or 3 hrs
- PHI 4935  Topics in Philosophy of Mind or 3 hrs
- PHP 4762  Phenomenology 3 hrs

Psychology
- EXP 3204  Sensation and Perception or 4 hrs
- EXP 3604  Cognitive Psychology or 4 hrs
- EXP 4507  Advanced Human Memory and Cognition 3 hrs

Computer Science and Information
- CAP 4453  Robot Vision or 3 hrs
- CAP 4630  Artificial Intelligence or 3 hrs
- EEL 3552C  Signal Analysis and Analog Communication 4 hrs

Language and Linguistics
- ANT 3610  Language and Culture or 3 hrs
- LIN 3010  Principles of Linguistics or 3 hrs
- LIN 3716  Language Development or 3 hrs
- PHI 4221  Philosophy of Language or 3 hrs
- EXP 3640  Psychology of Language 3 hrs

Restricted Electives (6 hrs)
- Select two additional courses from either the above Foundation Courses or from the following list.
- Select 2: 6 hrs

- ANT 3541  Biobehavioral Anthropology or 3 hrs
- ANT 3550C  Primatology or 3 hrs
- ANT 3610  Language and Culture or 3 hrs
- ANT 4586C  Human Origins or 3 hrs
- CAP 4630  Artificial Intelligence or 3 hrs
- CAP 5015  Multimedia Compression on the Internet or 3 hrs
- CAP 5415  Computer Vision or 3 hrs

Foreign Language Requirements
- None

Total Semester Hours Required
- 18

Other Requirements
- A minimum grade of “C” (2.0) is required in all courses used to satisfy the minor.
- 15 hours must be taken at the upper division.
- No more than 9 credit hours may be used both toward credit for a major and the cognitive sciences minor.
- At least 12 hours used in the minor must be earned at UCF.
- No credit by exam (TSD, Military credit) may be used.
- Internship, Co-op, or Independent Study requires prior approval from the advisors to be used toward the minor.