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.

Minors Admission Requirements
- None

Prerequisite 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)
- Neuroscience
  - PSB 3002 Physiological Psychology or 3 hrs
  - PSB 4240C Neuropsychology or 4 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 3 hrs
- Psychology
  - EXP 3204C Perception or 4 hrs
  - EXP 3604C Cognitive Psychology or 4 hrs
  - EXP 4507C Advanced Human Memory and Cognition 3 hrs
- Computer Science and Information Technology
  - CAP 4453 Robot Vision or 3 hrs
  - CAP 4630 Artificial Intelligence or 3 hrs
  - EEL 3531 Information Theory or 3 hrs
  - EEL 3552C Analog and Digital Communication Fundamentals 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
  - LIN 3717 Language Development: 9 - 18 Years 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:
- 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
- CAP 5512 Evolutionary Computation or 3 hrs
- COP 4520 Concepts of Parallel and Distributed Processing or 3 hrs
- EXP 3204C Perception or 4 hrs
- LIN 4711 Language Analysis or 3 hrs
- LIN 4711L Language Analysis Lab or 1 hr
- MAP 4103 Mathematical Modeling I or 3 hrs
- PHI 2101 Formal Logic I or 3 hrs
- PHI 2108 Critical Thinking or 3 hrs
- PHI 3626 Advanced Ethics in Science and Technology or 3 hrs
- PHI 4321 Philosophies of Embodiment: Mind/Body/Self or 3 hrs
- PHI 4500 Metaphysics or 3 hrs
- PSY 4025 The Psychology of Art or 3 hrs
- PSY 3213C Research Methods in Psychology 5 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.