

MINOR IN COGNITIVE SCIENCES

Degree Requirements for Academic Year 2011-2012

Name _____ PID _____ Advisor _____

Telephone Number _____ Email _____ Address _____

DEGREE REQUIREMENTS

Credit Hour Requirements

21 Hours

Note: It is the student's responsibility to satisfactorily complete 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.

Foundation Courses

15 Hours

Select from at least 4 subject areas (Fill in blanks with course grades)

Neurosciences

- _____ PSB 3002 Physiological Psychology (PR: PSY 2012)
- _____ PSB 4240C Neuropsychology (PR: BSC 3002)
- _____ PSB 4422 Brainwaves and Behavior (PR: PSB 3002)
- _____ ZOO 4744 Neurobiology (PR: BSC 2010)

Philosophy

- _____ PHI 3320 Philosophy of Mind (PR: PHI 2010, PHI 2012, or C.I.)
- _____ PHI 3323 Minds and Machines (PR: PHI2010 or C.I.)
- _____ PHI 3451 Philosophy of Psychology (PR: Junior or C.I.)
- _____ PHI 4341 Ways of Knowing (PR: PHI 2010)
- _____ PHI 4400 Philosophy of Science
- _____ PHI 4935 Topics in Philosophy of Minds (PR: PHI2010 or C.I.)

Psychology

- _____ EXP 3204C Perception (PR: PSY 2012, PSY 3213C)
- _____ EXP 3604C Cognitive Psychology (PR: PSY 2012)
- _____ EXP 4507C Advanced Human Memory and Cognition (PR: PSY 3213C And EXP 3604C)

Computer Science and Information Technology

- _____ CAP 4453 Robot Vision (PR: COP 3530C and MAC 2312, or C.I.)
- _____ CAP 4630 Artificial Intelligence (PR: COP 3530C)
- _____ EEL 3531 Information Theory (PR: MAC 2147 or any calculus course; not Open to EE or CpE majors)
- _____ EEL 3552C Analogue & Digital Comm. Fundamentals (PR: EEL 3003)

Language and Linguistics

- _____ ANT 3610 Language and Culture (PR: ENC 1102)
- _____ LIN 3010 Principles of Linguistics (PR: ENC 1102)
- _____ LIN 3716 Language Development: Birth - 8 Years (PR: DEP 2004)
- _____ LIN 3717 Language Development: 9-18 Years (PR: LIN 3716)

- _____ PHI 4221 Philosophy of Language (PR: ENC 1102)
- _____ PSY 3703 Psychology of Oral Communication

Restricted Electives

6 Hours

- _____ ANT 3541 Biobehavioral Anthropology
- _____ ANT 3550 Primatology (PR: ANT 2511 or C.I.)
- _____ ANT 3610 Language and Culture (PR: Sophomore standing)
- _____ ANT 4586 Human Origins (PR: ANT 2511)
- _____ CAP 4630 Intro to Artificial Intelligence (PR: COP 3530C)
- _____ CAP 5015 Multimedia Compression on the Internet (PR: senior or graduate student)
- _____ CAP 5415 Computer Vision (PR: COP 3530C)
- _____ CAP 5512 Evolutionary Computing
- _____ COP 4520 Concepts of Parallel Distributed Processing (PR: COP 3530C and COP 3402)
- _____ EXP 3204C Perception (PR: PSY 2012 & PSY 3213C)
- _____ LIN 4711 Language Analysis (PR: LIN 3716 and LIN 3717)
- _____ LIN 4711L Language Analysis Lab (PR: LIN 3716 and LIN 3717)
- _____ PHI 2101 Formal Logic I
- _____ PHI 2108 Critical Thinking
- _____ PHI 3626 Advanced Ethics in Science and Technology (PR: COP 3502C or DIG 2000 or C.I.)
- _____ PHI 4321 Philosophies of Embodiment (PR: Junior standing and either PHI 2010, PHI 2011, PHI 2101, or C.I.)
- _____ PHI 4500 Metaphysics (PR: Philosophy Major or C.I.)
- _____ MAP 4103 Mathematical Modeling I (PR: MAC 2311 or MAC 2281, and MAP 2302)
- _____ PSY 3213C Research Methods in Psychology (PR: PSY 2012 and STA 2014C or STA 2023)
- _____ PSY 4025 the Psychology of Art (PR: PSY 2012 and ARH 205x)

(Electives may also be chosen from Required Courses above)

Other Requirements

- A minimum grade of "C" (2.0) is required in all courses used to satisfy the minor.
- 18 hours must be taken at the upper division.
- No more than 10 credit hours may be used both toward credit for a major and the cognitive sciences minor.
- At least 15 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 require prior approval from the advisors to be used toward the minor.