New □  Dropped □  Revised □  (Please explain nature of revision in space provided)

* When the minor is completed satisfactorily, it will be recorded on the student’s academic record upon graduation. THE MINOR WILL NOT APPEAR ON THE DIPLOMA.

Approved by: ___________________________ Date: _____________

Program Director Date: _____________

Submit completed forms to the Office of Interdisciplinary Programs, 101 Williams Hall

(See reverse side for program specific documentation)  Rev 4/2015
Cognitive Science

The minor in Cognitive Science requires five courses: COGS 7 and four additional courses selected from among the major’s core courses and major electives, with at least two of these being Disciplinary Core Courses.

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
<th>Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>COGS 7</td>
<td>Introduction to Cognitive Science</td>
<td>4</td>
<td></td>
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</tbody>
</table>

**TOTAL CREDITS =**

Minors must be submitted by the end of the student’s fifth semester. IF THE COURSE REQUIREMENTS CHANGE OR A STUDENT WISHES TO VARY THE ABOVE LISTED COURSES, A REVISED MINOR DECLARATION FORM SIGNED BY THE MINOR ADVISOR MUST BE SUBMITTED

**Disciplinary Core Courses (minimum 2 courses)**
- COGS 117 (PSYC 117) Cognitive Psychology (4)
- COGS 176 (PSYC 176) Cognitive Neuroscience (4)
- COGS 250 (PHIL 250) Philosophy of Mind (4)
- COGS 327 (CSE 327) Artificial Intelligence Theory and Practice (3)

**Major Electives**

**Artificial Intelligence and Formal Models:**
- CSE 17 Programming and Data Structures (3)
- CSE 42 Game Design (3)
- CSE 261 (MATH 261) Discrete Structures (3)
- CSE 262 Programming Languages (3)
- CSE 318 Introduction to the Theory of Computation (3)
- CSE 326 Pattern Recognition (3)
- CSE 335 Topics in Intelligent Decision Support Systems (3)
- CSE 337 Reinforcement Learning (3)
- CSE 348 AI Game Programming (3)
- CSE 360 Introduction to Mobile Robotics (3)
- CSE 431 Intelligent Agents (*for undergraduate students who qualify*)
- PHIL 114 (MATH 114) Symbolic Logic (4)
- PHIL 214 (MATH 214) Topics in Philosophical Logic (4)
- PHIL 265 Philosophy of Mathematics (4)
- MATH 303 (PHIL 303) Mathematical Logic (3,4)
- MATH 304 (PHIL 304) Axiomatic Set Theory (3,4)
- MATH 329 (PHIL 329) Computability Theory (4)

**Language, Culture, and Meaning:**
- COGS 140 (ANTH/MLL 140) Introduction to Linguistics (4)
- ANTH 376 Culture and the Individual (4)
- PHIL 139 Contemporary Philosophy (4)
- PHIL 220 Theory of Knowledge (4)
- PHIL 260 Philosophy of Language (4)
- PSYC 307 Higher Order Cognition (4)
- PSYC 313 Person Perception (4)
- PSYC 314 Social Cognition (4)
- PSYC 320 Psychology of Language (4)
- PSYC 321 Language Development (4)
- PSYCH 344 (HMS 344) Health Care Reasoning and Decision-Making (4)
- PSYC 351 Cognitive Development (4)
- PSYC 362 Cognition in Practice and Policy (4)
- PSYC 365 (GS 365) Human Development in Cross-Cultural Perspective (4)
- PSYC 384 Self and Identity (4)
- SOC 135 (JOUR 135) Human Communication (4)

**Cognition and Neuroscience:**
- ANTH 145 Human Evolution (4)
- BIOS 121 Comparative/Integrative Biology for BIOS Minors (3)
- BIOS 276 Central Nervous System and Behavior (3)
- BIOS 277 Experimental Neuroscience Lab (2)
- BIOS 365 Neurobiology of Sensory Systems (3)
- BIOS 366 Diseases of the Nervous System (3)
- BIOS 382 Endocrinology of Behavior (3)
- BIOS 385 Neurophysiology and Memory
- PSYC 347 Cognitive Neuroscience of Memory (3)
- PSYC 358 Inside the Infant Mind (4)
- PSYC 369 Memory Under Construction (4)
- PSYC 377 Attention and Attentional Failures (4)