**COGNITIVE SCIENCES concentration in LANGUAGE SCIENCE:**
This B.S. Check is for INFORMATIONAL PURPOSES ONLY. Please refer to the UCI General Catalogue.
http://www.cogsci.uci.edu/ SBSG 2201, (949) 824-7569

### Student Name________________________________________________________ ID#:___________________________________

### Peer Advisor

### Date:

### Cat year:

### UC Entry-Level WR:

### American History :

### American Institutions :

### General Education Requirements

Please refer to your general catalogue for information regarding the proper courses.

#### 1) Cat. I: Writing

- [ ] □ LD
- [ ] □ PSYCH H111BW

#### 2) Cat. II: Science & Technology

- [ ] □ Bio 35 AND other combination below: (Must be taken for a letter grade)


- [ ] □ Satisfied by the Cog Sci Major

#### 4) Cat. IV: Arts & Humanities

- [ ] □

#### 5) Cat. V: Math

- [ ] □ Math 2A-B & Stats 7 (Must be taken for a letter grade)

#### 6) Cat. VI: Language other than English

- [ ] □

- [ ] □ H.S. (3 years) ______ or 1C
- [ ] □ AP ______ SATII ______ ExempExam

#### 7) Cat. VII : Multicultrl Studies

- [ ] □

#### 8) Cat. VIII: Int'l/Global Issues

- [ ] □

#### 9) School of Social Science

- [ ] □ Computer technology requirement

- [ ] □ ICS 31 or Psychology 114M (Must be taken for a letter grade)

**One Course Only**

*This requirement will also meet the major’s requirement of programming*

### Cognitive Sciences Major Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Announcement</th>
</tr>
</thead>
<tbody>
<tr>
<td>11) PSYCHOLOGY FUNDAMENTALS:</td>
<td>9A 9B 9C</td>
</tr>
<tr>
<td>12) COGNITIVE SCI RESEARCH SEMINAR:</td>
<td>PSYCH 109 = Research Seminar</td>
</tr>
<tr>
<td>13) CONCENTRATION CORE COURSE (1):</td>
<td>PSYCH 150 = Psych of Language</td>
</tr>
<tr>
<td>14) CONCENTRATION ELECTIVES (3):</td>
<td>Select THREE from either PSYCH or LING</td>
</tr>
</tbody>
</table>

**PSYCH:**

- [ ] □ 156A = Acquisition of Lang
- [ ] □ 161 = Language and the Brain
- [ ] □ 161H = Hearing & the Brain
- [ ] □ 161P = Perceptual Neuroscience

**LING:**

- [ ] □ 102 = Formal Lang & Automata
- [ ] □ 111 = Intermediate Phonology
- [ ] □ 121 = Intermediate Syntax

#### 15) ADDITIONAL BACKGROUND COURSES:

- [ ] □ LING 3 = Intro to Linguistics
- [ ] □ LING 51/PSYCH 56L = Aqc of Lang

Select ONE from:

- [ ] □ LING 10 = Intro to Phonology
- [ ] □ LING 20 = Intro to Syntax

#### 16) ADDITIONAL PSYCHOLOGY CORE (2):

Select TWO from PSYCH:

- [ ] □ 120A = Abnormal Psych
- [ ] □ 120D = Development Psych
- [ ] □ 120H = History of Psych
- [ ] □ 120P = Personality Theory
- [ ] □ 130A = Perception & Sens.
- [ ] □ 140C = Cognitive Sci.
- [ ] □ 140L = Learning Theory
- [ ] □ 140M = Human Memory
- [ ] □ 160D = Brain Disorders

### Additional Cognitive Sciences & Units

<table>
<thead>
<tr>
<th>Course</th>
<th>Announcement</th>
</tr>
</thead>
<tbody>
<tr>
<td>17) ADD’L STATISTICS COURSE:</td>
<td>PSYCH 110 = Quantitative Methods in Cognitive Sciences Research OR STATS 110</td>
</tr>
<tr>
<td>18) RESEARCH METHODS:</td>
<td>Prereq: Psych 9ABC and Math 2AB and 7</td>
</tr>
<tr>
<td>19) SEMINAR &amp; THESIS:</td>
<td>H111C</td>
</tr>
<tr>
<td>20) HONORS IN COGNITIVE SCI*:</td>
<td>Overall GPA in major 3.2 or higher</td>
</tr>
</tbody>
</table>

*Thesis must be approved by Cog Sci advisor

Cog Sci majors are strongly encouraged to do research in as many labs as possible. For more information, please go to:

http://www.cogsci.uci.edu/cs_research

**NOTE:** Cognitive Sciences majors concentration in Lang Science must complete a minimum of 26 courses between major, GE II, V, and computer technology (with a minimum of 14 different upper division Psych courses plus 2 upper division Psych lab courses) for a letter grade (no less than C+) with a min. GPA of 3.00 in their major. Cumulative GPA also must be 2.00 or above.

**Residency Req:** Credit for 36 of the last 45 units of work immediately preceding graduation must be earned in residence on the UCI campus. (**EAP, UCDC, or IOP (with International Study Advance Contract) are considered in residence.**)

**21) Total Units needed to Grad. = 180.0**

Minus completed units - ________

(Last quarter completed)

**Remaining Units = ________**

Units in progress (IP) - ________

(Current quarter)

Estimated units to complete = ________
The B.S. in Cognitive Sciences is structured to provide students with a challenging introduction to the broad field of Cognitive Sciences that is strongly grounded in theory and an empirical approach emphasizing experimental/computational methods. To ensure an intellectually coherent experience and that students receive an in-depth grounding in at least one area, all students in the major will be required to choose one of the following areas of concentration: (a) Cognitive Neuroscience, (b) Experimental Psychology–Sensation, Perception, Attention & Memory, (c) Language Science, (d) Computational Cognitive Science. Associated with each of these concentrations is a required set of core courses, and electives. In addition, students in all the concentrations will be required to acquire a background in (a) calculus, (b) statistics, (c) introductory computer programming, and (d) some combination of the natural sciences, logic and philosophy of science, linguistics, or more advanced computer science or mathematics as it appropriate to their concentration. Finally, each student will be required to participate in faculty-sponsored research and are expected to produce a senior thesis.

**Language Science**

In Language Science, researchers investigate the psychological and neurological bases of the complex system of human language knowledge, from sounds to words to sentences and beyond. We draw on theoretical, experimental, and computational techniques to explore questions such as what knowledge of language is, how language is learned, how language knowledge is deployed in real time, and how language knowledge is instantiated in the brain. Our interdisciplinary approach encourages connections with fields such as cognitive psychology, developmental psychology, computer science, neuroscience, education, philosophy, and the speech & hearing sciences.

### Sample Programs — Cognitive Sciences Majors – Language Science

<table>
<thead>
<tr>
<th>Year</th>
<th>Fall</th>
<th>Winter</th>
<th>Spring</th>
<th>Units</th>
</tr>
</thead>
</table>
| 1    | Psych 9A (4)  
Math 2A (4)  
General Ed-Cat 1 (4-8) | Psych 9B (4)  
Math 2B (4)  
General Ed-Cat 1 (4-8)  
Psych 109 | Psych 9C (4)  
Stats 7 (4)  
General Ed-Cat 1 (4-8) | 44-56 |
| 2    | Psych 150 (4)  
General Ed-Cat VIII (4)  
Bio 35 (4)  
Ling 3 (4) | Psych 114M (4)  
Psych Core 1 (4)  
Science 2 (4)  
Elective (4) | Ling 51/Psych 56L (4)  
Concentration Elective 1 (4)  
Science 3 (4)  
Category VII* (4) | 48 |
| 3    | Psych H111A (4)  
Psych H111A (2)  
Psych H101A (4)  
Concentration Elective 2(4) | Psych H111BW (4)  
Psych H111LB (2)  
Ling 10 or 20 (4)  
Psych Core 2 (4) | Psych H111C (4)  
Psych 110 (4)  
Concentration Elective 3(4)  
Elective (4) | 44 |
| 4    | Psych H101B (4)  
Category IV** (4)  
Psych 199/198 (4)/Elective  
Elective (4) | Psych 199/198 (4)/Elective  
Category IV** (4)  
Elective (4)  
Elective (4) | Psych 199/198 (4)/Elective  
Category IV** (4)  
Psych H101C (4) | 44 |

*GE VII may not be needed if Humanities Core 1C has been successfully completed  
**GE IV may not be needed if Humanities Core 1A-B-C are successfully completed

### Cognitive Sciences Majors – Language Science (Campus wide Honors)

<table>
<thead>
<tr>
<th>Year</th>
<th>Fall</th>
<th>Winter</th>
<th>Spring</th>
<th>Units</th>
</tr>
</thead>
</table>
| 1    | Psych 9A (4)  
Humanities Core H1A (8)  
Math 2A (4) | Psych 9B (4)  
Humanities Core H1B (8)  
Math 2B (4)  
Psych 109 (4) | Psych 9C (4)  
Humanities Core H1C (8)  
Stats 7 (4) | 52 |
| 2    | Soc Sci H1G (6)  
Psych 150 (4)  
General Ed-Cat VIII (4) | Soc Sci H1F (6)  
Psych 114M (4)  
Psych Core 1 (4) | Soc Sci H1E (6)  
Ling 3 (4)  
Concentration Elective 1 (4) | 42 |
| 3    | Psych H111A (4)  
Psych H111A (2)  
Psych H101A (4)  
Science Core (4)  
Concentration Elective 2(4) | Psych H111BW (4)  
Psych H111LB (2)  
Science Core (4)  
Ling 51/Psych 56L (4)  
Psych Core 2 (4) | Psych H111C (4)  
Psych 110 (4)  
Science Core (4)  
Ling 10 or 20 (4)  
Concentration Elective 3(4) | 56 |
| 4    | Psych H101B (4)  
Psych 199/198 (4)  
Elective (4) | Psych 199/198 (4)  
Elective (4)  
Elective (4) | Psych H101C  
Psych 199/198 (4)  
Elective (4) | 36 |