### Bachelor of Arts in Cognitive Science (CGSC)

**46-48 units**

For students attending USC Fall 2018 or later

#### Core Requirements (4 courses; 16 units)
- PSYC 100Lg: Introduction to Psychology
- PSYC 274Lg: Statistics
- PSYC 301L: Cognitive Processes
- Choose one course from:
  - PSYC 339Lg: Origins of the Mind
  - PSYC 420: Animal Behavior

#### Flexible Core Requirements (5 courses; 20 units)

**a) Tier 1: Choose two courses from:**
- CSCI 103L: Introduction to Programming
- LING 210g: Introduction to Linguistics
- LING 301: Introduction to Phonetics and Phonology
- LING 302: Introduction to Syntax and Semantics
- PHIL 120g: Introduction to Formal Logic
- PSYC 304L: Sensation and Perception

**b) Tier 2: Choose three courses from:**
- CSCI 170: Discrete Methods in Computer Science
- CSCI 270: Introduction to Algorithms and Theory of Computing
- CSCI 360: Introduction to Artificial Intelligence
- LING 210g: Introduction to Linguistics
- LING 285Lg: Human Language and Technology
- LING 301: Introduction to Phonetics and Phonology
- LING 302: Introduction to Syntax and Semantics
- LING 307: Introduction to Speech-Language Pathology
- HBIO 306: Primate Social Behavior and Ecology
- HBIO 308: Origins and Evolution of Human Behavior
- HBIO 406: Theory and Method in Human Evolutionary Biology
- ITP 115: Programming in Python (see note #6)
- LING 407: Atypical Language
- PHIL 240g: Mind, Self, and Consciousness
- PHIL 240gp: Science, Knowledge and Objectivity
- PHIL 254gp: Probability and Rational Choice
- PHIL 280: American Philosophy Since 1950
- PHIL 285: American Philosophy Since 1950
- PHIL 385: Science and Rationality
- PHIL 422: British Empiricism
- PHIL 423: The Critical Philosophy of Kant
- PHIL 427: 20th Century Anglo-American Philosophy
- PHIL 428: Anglo-American Philosophy Since 1950
- PHIL 450: Intermediate Symbolic Logic
- PHIL 452: Modal Logic
- PHIL 462: Philosophy of Mind
- PHIL 463: Theories of Action
- PHIL 465: Philosophy of Language
- PHIL 486: Methodologies of the Sciences

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Updated as of 6/3/2019, please disregard any previous versions.
### Electives (continued)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>PSYC 304L</td>
<td>Sensation and Perception</td>
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<tr>
<td>PSYC 314L</td>
<td>Experimental Research Methods</td>
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<tr>
<td>PSYC 326</td>
<td>Behavioral Neuroscience</td>
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<tr>
<td>PSYC 336L</td>
<td>Developmental Psychology</td>
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<tr>
<td>PSYC 422</td>
<td>Human Judgment and Decision Making</td>
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<tr>
<td>PSYC 423/MDA 423</td>
<td>User Experience</td>
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<tr>
<td>PSYC 424</td>
<td>Neuropsychology</td>
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<td>PSYC 425</td>
<td>Functional Imaging of the Human Brain</td>
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<td>PSYC 433</td>
<td>Children’s Learning and Cognitive Development</td>
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<tr>
<td>PSYC 440</td>
<td>Introduction to Cognitive Neuroscience</td>
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<tr>
<td>PSYC 450</td>
<td>Neural Network Models of Social and Cognitive Processes</td>
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<tr>
<td>PSYC 454</td>
<td>Social Cognition</td>
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**Please Note:**

1. All courses used to count towards the major must be taken for a letter grade.
2. Acceptable substitutions for PSYC 100Lg include, but are not limited to: AP Psychology score of 4 or 5 and Higher Level IB Psychology score of 5, 6, or 7. However, these substitutions do not earn General Education (GE) credit for students who started college in Fall 2015 or later. Please see Department of Psychology Academic Advisors for PSYC 100g prerequisite waivers.
3. A course that is listed in multiple areas (Flexible Core Tiers and/or Elective) can only satisfy one area. It will not “double” or “triple count.”
4. Students must choose a minimum of 16 upper division units (300-499 range) from the Flexible Core and Electives lists.
5. Students that are interested in focusing on aspects of Cognitive Science that draw from Computer Science should consider that units from these courses are outside of Dornsife College and will not be counted towards the required Dornsife College units.
6. ITP 115 is not intended to be taken if CSCI 103L is taken.
7. The USC Catalogue states 10-12 units are required for the CGSC Elective section.
8. Students may satisfy up to four upper division (300-499 range) major requirements through approved Dornsife Overseas Studies programs.
9. Some courses may have additional prerequisites or restrictions. Please check the USC Schedule of Classes and the USC Catalogue.