

Cognitive Sciences Major Checklist

There are three primary items to track in the major:
 (1) Area of concentration, (2) Core courses. (3) Additional courses

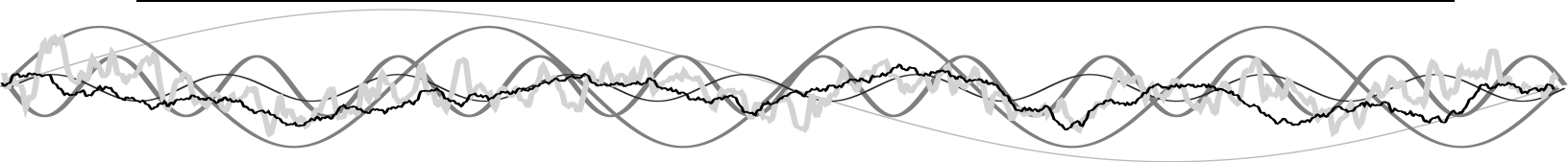
Area of Concentration

Computation or Linguistics or Neuroscience or Philosophy or Psychology

Core Courses

Students must take 9 core courses, one from each of the following groups.

<p>Methods of Cognitive Science core course</p> <p>CSCI 340 Methods of Cognitive Science</p>	<p>Advanced Psychology</p> <p>PSYC 308 Memory PSYC 309 Psychology of Language PSYC 351 Perception PSYC 461 Reasoning, Decision Making, and Problem Solving</p>
<p>Psychology</p> <p>PSYC 203 Introduction to Cognitive Psychology</p>	
<p>Neuroscience</p> <p>NEUR 380 Fundamental Neuroscience Systems (also PSYC/BIOC 380) NEUR 385 Fundamentals of Cellular and Molecular Neuroscience (also BIOC 385) PSYC 362 Cognitive Neuroscience PSYC 375 Neuropsychology of Language and Memory PSYC 432 Brain and Behavior</p>	<p>Statistics</p> <p>STAT 280 Elementary Applied Statistics STAT 305 Introduction to Statistics for Biosciences STAT 310 Probability and Statistics (also ECON 307) PSYC 339 Statistical Methods in Psychology</p>
<p>Computing</p> <p>CAAM 210 Introduction to Engineering Computation COMP 130 Elements of Algorithms and Computation COMP 140 Computational Thinking COMP 160 Introduction to Game Programming in Python PSYC 342 Computer Applications in Psychology</p>	<p>Advanced Computing</p> <p>COMP 180 Principles of Computing COMP 182 Algorithmic Thinking PSYC 430 Computational Modeling of Cognitive Processes PHIL 357 Incompleteness, Undecidability, and Computability</p>
<p>Linguistics</p> <p>LING 200 Introduction to the Scientific Study of Language LING 306 Language and the Mind LING 315 Semantics</p>	<p>Philosophy</p> <p>PHIL 130 Sciences of the Mind PHIL 305 Mathematical Logic PHIL 312 Philosophy of Mind</p>



Additional Courses

At least three and no more than four can be in one of the concentration areas listed above. Note that you may not use the same course to fulfill a core requirement and an additional course requirement—no double counting. Also, no more than 6 credits of independent research may be applied toward the major (includes CSCI 390, 481, and 482).

The list of additional courses can be found at
<https://cogsci.rice.edu/additional-courses> or <https://ga.rice.edu>

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

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