DOCTOR OF PHILOSOPHY
IN THE FIELD OF COGNITIVE
NEUROSCIENCE

The cognitive neuroscience program provides graduate students with an intense and focused research experience in the areas of perception, attention, and memory, with emphasis on the neural bases of these capacities. The program uses diverse research methods such as patient-based testing, neuro-imaging, animal modeling, psychophysical scaling, and computational modeling. The goal of the program is to train students for careers in academic and research institutions.

Specific admission requirements can be found on the Graduate Program Finder (http://www.gwu.edu/all-graduate-programs). (http://www.gwu.edu/all-graduate-programs)

Visit the program website (https://psychology.columbian.gwu.edu/cognitive-neuroscience) for additional information

REQUIREMENTS

Specific admission requirements are shown on the Graduate Program Finder. (http://www.gwu.edu/all-graduate-programs)

The following requirements must be fulfilled:

The general requirements stated under Columbian College of Arts and Sciences, Graduate Programs (http://bulletin.gwu.edu/arts-sciences/#degreeregulationtext).

The requirements for the Doctor of Philosophy Program (http://bulletin.gwu.edu/arts-sciences/#doctoraltext).

72 credits, including 33 credits in required courses, 21 to 27 credits in elective courses, 12 to 24 credits in dissertation, and successful completion of a comprehensive examination.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>PSYC 8250</td>
<td>Seminar in Cognitive Neuroscience (Foundations)</td>
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<tr>
<td>PSYC 8250</td>
<td>Seminar in Cognitive Neuroscience (Proseminar)</td>
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<tr>
<td>PSYC 8203</td>
<td>Experimental Foundations of Psychology: Learning, Memory, and Cognition</td>
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<tr>
<td>PSYC 8204</td>
<td>Experimental Foundations of Psychology: Biological Basis of Behavior</td>
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<tr>
<td>PSYC 8289</td>
<td>Seminar: Current Topics in Experimental Psychology</td>
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Methods/statistics

DNSC 6274 | Statistical Modeling and Analysis |         |
DNSC 6275 | Advanced Statistical Modeling and Analysis                          |         |
DNSC 6276 | Exploratory and Multivariate Data Analysis                        |         |
PSYC 8202 | Psychological Research Methods and Procedures                      |         |

Breadth

6 credits in coursework taken outside of the cognitive neuroscience field.

Electives

21 to 27 credits in elective courses, which may include the courses listed below and/or other relevant courses.

PSYC 8223 | Seminar: Human Memory                                               |         |
PSYC 8251 | Behavioral Neuroscience                                             |         |
PSYC 8268 | Seminar: Neuropsychology                                            |         |
PSYC 8295 | Independent Research                                                |         |

Dissertation

PSYC 8998 | Advanced Reading and Research (taken for 6 to 12 credits)          |         |
PSYC 8999 | Dissertation Research (taken for 6 to 12 credits)                  |         |

Comprehensive examination

Students must successfully complete a comprehensive examination.