# COGNITIVE NEUROSCIENCE GRADUATE CERTIFICATE

## Banner Code: LA-CERG-CNEU

### Academic Advising
2086 David King Hall  
Fairfax Campus  
Email: psycgrad@gmu.edu  
Website: psychology.gmu.edu/programs/la-cerg-cneu

The Department of Psychology offers a graduate certificate in cognitive neuroscience under the auspices of the program in Human Factors/ Applied Cognition.

## Admissions & Policies

### Admissions
Applicants to all graduate programs at George Mason University must meet the admission standards and application requirements for graduate study as specified in Graduate Admissions. For information specific to the graduate certificate in cognitive neuroscience, see Application Requirements and Deadlines (http://psychology.gmu.edu/programs/LA-CERG-CNEU/application).

### Requirements

## Certificate Requirements

Total credits: 18

This certificate may be pursued on a full- or part-time basis.

For policies governing all graduate certificates, see AP.6.8 Requirements for Graduate Certificates.

### Core Courses

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYC 530</td>
<td>Cognitive Engineering: Cognitive Science Applied to Human Factors</td>
<td>3</td>
</tr>
</tbody>
</table>

Six credits of

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYC 768</td>
<td>Advanced Topics in Cognitive Science (^1)</td>
<td>6</td>
</tr>
</tbody>
</table>

Total Credits 9

\(^1\) Topic must be relevant to cognitive neuroscience. This course is repeatable when the specific topic is different.

### Additional Course

Select one course from the following:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYC 527</td>
<td>Introduction to Neurobiology</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 531</td>
<td>Mammalian Neurobiology</td>
<td></td>
</tr>
<tr>
<td>PSYC 558</td>
<td>Neuronal Bases of Learning and Memory</td>
<td></td>
</tr>
<tr>
<td>PSYC 559</td>
<td>Behavioral Chemistry</td>
<td></td>
</tr>
</tbody>
</table>

Total Credits 3

\(^1\) May be used to fulfill this requirement when the topic is relevant to the certificate with prior written approval of the program director.

### Electives

Select two electives from the following:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYC 702</td>
<td>Biological Bases of Human Behavior</td>
<td>6</td>
</tr>
<tr>
<td>PSYC 597</td>
<td>Directed Reading and Research (^1)</td>
<td></td>
</tr>
<tr>
<td>PSYC 768</td>
<td>Advanced Topics in Cognitive Science (^1)</td>
<td></td>
</tr>
</tbody>
</table>

Total Credits 6

\(^1\) May be used to fulfill this requirement when the topic is relevant to the certificate with prior written approval of the program director.