Brain and Cognitive Science

Psychology
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Phone: 333-0631
www.psych.illinois.edu

BCOG 200  **Introduction to Programming for the Brain and Cognitive Sciences**  credit: 4 hours.
Introduction to computer programming concepts and their application to the study of brain and cognitive sciences. The course will teach basic programming concepts in Python, and introduce applications to experiment and game design, data analysis, computational modeling, and simulations.

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<tr>
<th>CRN</th>
<th>Type</th>
<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>69412</td>
<td>Lecture-Discussion</td>
<td>A</td>
<td>03:30 PM - 05:20 PM</td>
<td>TR</td>
<td>11 - Psychology Building</td>
<td>Willits, J</td>
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Restricted to students in the Psychology department.
Psychology Major Restriction lifted at 9:00am on November 19th.

BCOG 301  **Intelligence and the Brain**  credit: 3 hours.
An introduction to the scientific study of human intelligence, with particular emphasis on modern research in cognitive neuroscience. For centuries, the nature of human intelligence has motivated considerable research and debate: What does it mean for humans to be intelligent? What mental abilities does intelligence refer to? How are these abilities shaped by the environment, cultivated through experience, and represented in the human brain? This course addresses these questions through the lens of modern research in psychology, psychometrics, and cognitive neuroscience. Students will investigate the nature and mechanisms of human intelligence from basic, clinical, and applied disciplines.

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<th>CRN</th>
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<th>Time</th>
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<th>Location</th>
<th>Instructor</th>
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<tr>
<td>69283</td>
<td>Lecture-Discussion</td>
<td>A</td>
<td>09:30 AM - 10:50 AM</td>
<td>TR</td>
<td>815 - Psychology Building</td>
<td>Barbey, A</td>
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Restricted to students in the Psychology department.
Restricted to students with Senior class standing.
Senior priority enrollment begins October 31st. Junior priority enrollment begins November 7th. All Restrictions lifted at 9:00am on November 12th.