CONCENTRATION IN NEUROSCIENCE OF COMMUNICATION

The Neuroscience of Communication concentration provides an interdisciplinary understanding of the neurological systems that underlie human communication. Students will study the biological basis of communication in order to understand brain-behavior correlates of typical and disordered speech, language, and hearing function. In addition, students will benefit from faculty research that utilizes innovative technologies to study the structure and function of the sensory-motor systems that underlie human communication abilities.

This concentration is intended to help prepare students for health and science-related careers, including medicine and neuroscience. In addition, undergraduates interested in pursuing careers as an audiologist or speech-language pathologist can combine this concentration with pre-certification requirements.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>SHS 280</td>
<td>Communication Neuroscience</td>
<td>3</td>
</tr>
<tr>
<td>SHS 285</td>
<td></td>
<td>1</td>
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<tr>
<td>SHS 389</td>
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<tr>
<td>SHS 427</td>
<td>Language and the Brain</td>
<td>3 or 4</td>
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<tr>
<td>SHS 470</td>
<td>Neural Bases Spch Lang</td>
<td>4</td>
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Students must also take 6 hours from the following specified electives:

1. Any Chemistry or Physics 100-level class
2. IB 100 Biology in Today's World
3. PSYC 204 Intro to Brain and Cognition
4. PSYC 216 Child Psych
5. PSYC 224 Cognitive Psych
6. PSYC 230 Perception & Sensory Processes
7. PSYC 248 Learning and Memory
8. SHS 291 Research Lab Experience in SHS
9. SHS 375 Comm Partners & Health
10. SHS 473 Augmentative & Alt Comm

Total Hours: 22-23

1. Or an approved substitution.
2. Provided courses are not used to satisfy a Gen. Ed. requirement.
3. Approved for S/U grading only. Must be arranged with individual faculty member.
4. Prerequisite: Senior level in the SHS program or consent of instructor.