Speech and Hearing Sciences

The minor in speech and hearing sciences is offered by the Program in Audiology and Communication Sciences (PACS) in the School of Medicine and is designed for students interested in exploring topics related to typical and disordered human communication. The required course work provides an overview of the fields of hearing, deafness, language and speech with opportunities to explore related topics in more depth. This minor is especially valuable for students in fields such as psychological and brain sciences, education, philosophy-neuroscience-psychology (PNP) and linguistics, but it has broad applicability for many fields of study. Courses completed as part of this minor can also be used to fulfill the total unit requirements for graduation and as prerequisites for graduate studies in audiology, deaf education and speech-language pathology. However, the minor may not be used as an Integration in Arts & Sciences Integrated Inquiry (IQ) curriculum, and it does not otherwise fulfill any Arts & Sciences distribution requirements.

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Faculty

Minor Advisor  
Kate McClannahan  
Assistant Professor of Otolaryngology

Program Directors  
Kate McClannahan  
Director of Undergraduate Studies  
Assistant Professor of Otolaryngology  
Amanda Ortmann (https://pacs.wustl.edu/people/amanda-j-ortmann-phd/)  
Director of Audiology Studies  
Assistant Professor of Otolaryngology  
Casey Reimer (https://pacs.wustl.edu/people/casey-reimer-phd/)  
Director of Deaf Education Studies  
Assistant Professor of Otolaryngology

Faculty and Staff List  
For a full list of faculty and staff (https://pacs.wustl.edu/our-people/), please visit the PACS website.

Majors

There is no major in this area. The minor in speech and hearing sciences is offered by the Program in Audiology and Communication Sciences (http://pacs.wustl.edu/) at Washington University School of Medicine. The program also offers graduate study in the fields of audiology, deaf education, and speech and hearing sciences, which lead to the following degrees: Doctor of Audiology (AuD), Master of Science in Deaf Education (MSDE), and Doctor of Philosophy (PhD)—Speech and Hearing Sciences.

Minors

The Minor in Speech and Hearing Sciences

Total units required: 15

Required course:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Educ 234</td>
<td>Introduction to Speech, Language, and Hearing Sciences</td>
<td>3</td>
</tr>
</tbody>
</table>

Elective courses:

At least four of the following, totaling at least 12 units:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ling 170D</td>
<td>Introduction to Linguistics</td>
<td>3</td>
</tr>
<tr>
<td>Ling 312</td>
<td>Phonetics</td>
<td>3</td>
</tr>
<tr>
<td>PACS 324</td>
<td>Acoustics and Speech Perception</td>
<td>3</td>
</tr>
<tr>
<td>PACS 344</td>
<td>Observation and Methods in Speech-Language Pathology</td>
<td>3</td>
</tr>
<tr>
<td>PACS 360</td>
<td>Introduction to Audiology</td>
<td>3</td>
</tr>
<tr>
<td>PACS 401</td>
<td>Anatomy and Physiology of Speech and Hearing</td>
<td>3</td>
</tr>
<tr>
<td>PACS 4301</td>
<td>Sign Language I</td>
<td>2</td>
</tr>
<tr>
<td>PACS 4302</td>
<td>Sign Language II</td>
<td>2</td>
</tr>
<tr>
<td>PACS 434</td>
<td>Typical Language Development</td>
<td>3</td>
</tr>
<tr>
<td>PACS 443</td>
<td>Speech and Language Disorders</td>
<td>3</td>
</tr>
</tbody>
</table>

Additional Information

This minor is composed of a minimum of 15 units that focus on the study of speech, language and hearing. Of the 15 units, 3 units must be Educ 234; at least 9 units must be at the 300 level or higher; and at least 9 units must be offered by the department (M89). To count toward the minor, courses must be selected from the courses listed above or approved in advance by the minor advisor.

For students who intend to pursue graduate studies in audiology, speech-language pathology, or deaf education, we recommend meeting with the minor advisor to develop a course of study that will fulfill prerequisite requirements for the intended area of study.
Because the minor in speech and hearing sciences is offered by the Program in Audiology and Communication Sciences (PACS) in the School of Medicine, it may not be used as an Integration and does not otherwise fulfill any Arts & Sciences distribution requirements.

**Courses**

To view offerings, visit online course listings for M89 PACS (https://courses.wustl.edu/CourseInfo.aspx?sch=M&dept=M89) or the PACS course listings page (http://bulletin.wustl.edu/medicine/areas-of-study/audiology-communication-sciences/#courses). Please visit the Minors (p. 1) tab for courses that are open to undergraduate students.