

Minor in Communication Sciences and Disorders

<http://www.pacificu.edu/csd>

About the Minor in Communication Sciences and Disorders

Prepare for a career in education, medicine, dentistry, allied health including occupational therapy, physical therapy, nursing, physician assistant, music therapist, or psychologist! The minor in communication sciences and disorders provides in-depth study of typical speech, language, and hearing processes across the life span. The minor provides an introduction to the professions of audiology and speech-language pathology and serves as excellent preparation for many career paths.

Coursework includes speech and language development, clinical phonetics, anatomy and physiology of the speech mechanism, neuroanatomy and neurophysiology, speech science, audiologic (hearing) processes, audiology, and aural rehabilitation.

Entry-level practice in speech-language pathology or audiology requires a graduate degree. Completion of the minor, together with a well-rounded undergraduate education, provides the prerequisite courses for application to graduate programs in speech-language pathology or audiology.

Highlights

- Gain understanding of the importance of communication across the life span
- Complete an undergraduate minor that fulfills the prerequisites applications to graduate programs in speech-language pathology or audiology
- Opportunities to observe professional clinicians
- Develop close mentoring relationships with your professors
- Prepare for any career in education, medicine, dentistry, allied health including occupational therapy, physical therapy, nursing, physician assistant, or psychology

School of Communication Sciences & Disorders

The School of Communication Sciences and Disorders is located in Berglund Hall on the Forest Grove campus. The School of CSD offers an accredited master's degree in speech-language pathology, a post-baccalaureate course series, and a minor in communication sciences and disorders. The School of CSD is home to a dynamic faculty who are exceptional teachers, active scholars, and talented clinicians.

Planning for Graduate Applications: Pre-Speech-Language Pathology or Audiology

All students interested in applying for graduate programs in Audiology or Speech-Language Pathology are strongly encouraged to meet with the Undergraduate Program Advisor, Dr. Amanda Stead (amanda.stead@pacificu.edu). In addition to the courses in the minor, students who apply to graduate programs must also meet national requirements for background course work in accordance with the American Speech-Language Hearing Association guidelines that require one course in each of the following areas: Biological Science, Physical Science, Social Science, and Statistics. Examples of courses at Pacific University are included in this document.

Required courses for the Minor in Communication Sciences and Disorders:

Course #	Course Title	Credit	Offered
CSD-200	Introduction to Communication Sciences and Disorders (or)	2	Fall & Spring
CSD-209	Clinical Phonetics	4	Fall
CSD-303	Speech Science	4	Spring
CSD-204	Anatomy and Physiology of Speech	4	Fall & Spring
CSD-307	Introduction to Speech and Language Development	4	Spring
CSD-300	Audiology and Aural Rehabilitation	4	Fall
CSD-306	Clinical Observation	1	Fall & Spring
CSD-310	Neuroanatomy and Neurophysiology (Prerequisite CSD 204)	4	Spring
Total semester credits			27

All courses are offered on the Forest Grove Campus. Undergraduates at Pacific University typically enroll in the on-campus course sections. In exceptional circumstances undergraduates may seek approval from the program advisor, Dr. Amanda Stead (amanda.stead@pacificu.edu) to register in an on-line section.

For more information about the Minor see also:

<https://www.pacificu.edu/communication-sciences-disorders>

Sample of Planned Program by Semester of Initiation

Freshman

Fall Start

	Fall Semester	Spring Semester
Yr. 1	Introduction to Communication Sciences and Disorders (CSD 200)	Anatomy and Physiology (CSD 307)
Yr. 2	Clinical Phonetics (CSD 209)	Speech & Language Development (CSD 206)
Yr. 3	Audiology and Aural Rehabilitation (CSD 300)	Speech Science CSD (303)
Yr. 4	Clinical Observation (CSD 306)	Neuroanatomy & Neurophysiology (CSD 310)

Spring Start

	Fall Semester	Spring Semester
Yr. 1		Introduction to Communication Sciences and Disorders (CSD 200)
Yr. 2	Anatomy and Physiology (CSD 204)	Introduction to Speech & Language Development (CSD 307)
Yr. 3	Clinical Phonetics (CSD 209)	Speech Science (CSD 303)
Yr. 4	Audiology and Aural Rehabilitation (CSD 300) and Clinical Observation (CSD 306)	Neuroanatomy & Neurophysiology (CSD 310)

Sophomores

Fall Start

	Fall Semester	Spring Semester
Yr. 2	Introduction to Communication Sciences and Disorders (CSD 200)	Anatomy and Physiology (CSD 204)
Yr. 3	Clinical Phonetics (CSD 209)	Speech Science (CSD 303) and Introduction to Speech & Language Development (CSD 307)
Yr. 4	Audiology and Aural Rehabilitation (CSD 300) and Clinical Observation (CSD 306)	Neuroanatomy & Neurophysiology (CSD 310)

Spring Start

	Fall Semester	Spring Semester
Yr. 2		Introduction to Communication Sciences and Disorders (CSD 200)
Yr. 3	Anatomy and Physiology (CSD 204) and Clinical Phonetics (CSD 209)	Speech Science (CSD 303) and Introduction to Speech & Language Development (CSD 307)
Yr. 4	Audiology and Aural Rehabilitation (CSD 300) and Clinical Observation (CSD 306)	Neuroanatomy & Neurophysiology (CSD 310)

Juniors

Fall Start

	Fall Semester	Spring Semester
Yr. 3	Introduction to Communication Sciences and Disorders (CSD 200) and Anatomy and Physiology (CSD 204)	Introduction to Speech & Language Development (CSD 307) and Clinical Phonetics (CSD 209)
Yr. 4	Audiology and Aural Rehabilitation (CSD 300) and Clinical Observation (CSD 306)	Speech Science CSD (203) and Neuroanatomy & Neurophysiology (CSD 310)

Spring Start

	Fall Semester	Spring Semester
Yr. 3		Introduction to Communication Sciences and Disorders (CSD 200) and Anatomy and Physiology (CSD 204) and Introduction to Speech & Language Development (CSD 307)
Yr. 4	Clinical Phonetics (CSD 209) and Audiology and Aural Rehabilitation (CSD 300) and Clinical Observation (CSD 306)	Speech Science CSD (303) and Neuroanatomy & Neurophysiology (CSD 310)

Seniors

Fall Start

	Fall Semester	Spring Semester
Yr. 4	Introduction to Communication Sciences and Disorders (CSD 200) and Anatomy and Physiology (CSD 204) and Clinical Phonetics (CSD 209) and Audiology and Aural Rehabilitation (CSD 300)	Speech Science CSD (303) and Introduction to Speech & Language Development (CSD 307) and Clinical Observation (CSD 306) and Neuroanatomy & Neurophysiology (CSD 310)

Sample of Pacific University Courses that meet ASHA Requirements for the Biological Sciences, Physical Sciences, Statistics, and Social/Behavioral Sciences necessary for admission into graduate speech-pathology programs for certification. Please see your advisor prior to registration in these courses!

Biological Sciences (Minimum: One Course Required)	
BIOL 145 Marine Biology for Nonscience Majors	BIOL 200 Intro Bio: Flow of Energy (flow I & II)
BIOL 160 Selected Topics for Nonscience Majors	Any Biology Course above BIOL 200
BIOL 170 Human Genetics	

Physical Sciences (Minimum: One Course Required)	
CHEM 110 Chemistry and Your Environment	PHY 160 Energy & the Environment
Any Chemistry Course above CHEM 110	PHY 202 Introductory Physics I
PHY 110 Physics of Everyday Phenomena	Any Physics Course above PHY 202

Statistics (Minimum: One Course Required)	
PSY 350 Behavioral Statistics	SOC 301 Social Statistics
MATH 207 General Elementary Statistics	ECON 321 Introduction to Econometrics

Social/Behavioral Sciences (Minimum: One Course Required)	
ANTH 101 Introduction to Anthropology	POLS 222 Civil Rights Movement
ANTH/REL 140 Introduction to Comparative Religion	PSY 150 Introduction to Psychology
DS/PSY 211 Abnormal Psychology	PSY 160 Culture & Behavior
SOCWK 201 Principles of Social Work	PSY 208 Addictions & Society
SOCWK 300 Micro Social Work Practice	PSY 210 Current Issues in Psychology
SOC 319 Sociology of Medicine	SOC 101 Introduction to Sociology
SOCWK 425 Counseling and Interviewing Techniques	SOC 102 Social Problems

Note: This is not an exhaustive list of all courses which will be accepted. ASHA does not require a specific number of credits for these courses to meet standards. However, Pacific University's graduate CSD program and many other programs require at least a 3 credit course in each of these areas.