

COMMUNICATION SCIENCES AND DISORDERS / BACHELOR OF SCIENCE

Total Credit Hours: 130

Major credit hours for B.S. in CSD: 46

The Bachelor of Science in Communication Sciences and Disorders program prepares students to apply for graduate study in speech-language pathology, and offers Lewis students the opportunity to complete both the bachelor's and master's degrees without changing schools. A master's degree is required for employment as a speech-language pathologist. While students can apply to the Lewis MSSLP program (<https://catalog.lewisu.edu/graduate/nursing-health-sciences/rehabilitation/speech-language-pathology-master-science/>) with a bachelor's degree in another field and some CSD prerequisite coursework, the preferred undergraduate degree is the B.S. in CSD. Students who obtain this degree move on to required graduate study to become either a speech-language pathologist (M.S. or M.A.) or audiologist (AuD). Far more students choose to become speech-language pathologists as there are many more jobs in this field than in audiology.

Speech-language pathologists (SLPs) work with children and adults who have problems with speech, language, thinking, and swallowing (ASHA, 2016a). Their scope of practice is broad, encompassing disorders of articulation, receptive and expressive language, literacy, voice, fluency, social communication, and cognitive skills. SLPs also address communication needs of English language learners, people from diverse linguistic and cultural backgrounds, and people who communicate with augmentative or alternative communication systems. Their services primarily focus on evaluation and treatment of communication and swallowing disorders (ASHA, 2016a).

Outcome Characteristics

Bachelor in Science in Communication Sciences and Disorders Program Student Learning Outcomes

- Describe the biological, neurological, acoustic, psychological, developmental, linguistic and cultural bases of
 - human communication;
 - hearing; and
 - swallowing.
- Differentiate characteristics of normal and disordered human communication across the lifespan.
- Integrate and apply the knowledge of communication processes and to the assessment and treatment of clients with communication disorders.
- Record normal and disordered speech productions using phonetic transcription.
- Record normal and disordered language productions using language analysis techniques.
- Conduct hearing screenings and make appropriate recommendations to clients.
- Demonstrate essential functions required for the practice of speech-language pathology or audiology.
- Analyze scientific evidence and use the findings to guide clinical practices.
- Demonstrate effective and professional oral communication.
- Demonstrate effective and professional written communication.
- Describe and demonstrate the delivery of services to a diverse client base using culturally and linguistically responsive practices.
- Describe and demonstrate ethical professional practice in communication sciences.

Requirements

Degree Requirements

Code	Title	Hours
Non-Core CSDS Supportive Courses		
Biological Sciences:		
Select 1 course of choice; if course requires a lab, must take course + lab. Additional courses options are available; please confirm with CSD program that your chosen course meets this ASHA requirement.		3-5
BIOL 10100	Anatomy and Physiology 1	
BIOL 10200	Anatomy and Physiology 1 Lab	
BIOL 11000	General Biology 1	
BIOL 11100	General Biology 1 Lab	
BIOL 10700	Human Heredity	
Social Sciences:		
Select 1 course of choice; Additional courses options are available; please confirm with CSD program that your chosen course meets this ASHA requirement.		3
PSYC 21100	Child Development	
PSYC 21200	Adolescent Development	
PSYC 21300	Lifespan Development	
PSYC 21500	Adult Development	
PSYC 32000	Abnormal Psychology	
PSYC 32500	Abnormal Child Psychology	
Physical Sciences:		
Select 1 course of choice; if course requires a lab, must take course + lab. Additional courses options are available; please confirm with CSD program that your chosen course meets this ASHA requirement.		3
CHEM 10500	Introductory Organic and Biochemistry	
CHEM 10600	Topics in Chemistry	
PHYS 10000	Elementary Laboratory Physics	
PHYS 10600	Topics in Physical Science	
Statistics:		
1 stand-alone course in statistics; Additional courses options are available; please confirm with CSD program that your chosen course meets this ASHA requirement.		
PSYC 30300	Statistics for the Social Sciences	3
CSDS Core Courses (40)		
CSDS 20000	Introduction to Speech-Language Pathology	3
CSDS 21000	Introduction to Audiology	3
CSDS 30000	Phonetics	3
CSDS 31000	Anatomy & Physiology of Speech, Hearing and Swallowing	3
CSDS 40000	Scientific Foundations of Speech and Hearing	3
CSDS 41000	Speech, Language and Swallowing Development	3
CSDS 42000	Aural Rehabilitation	3

CSDS 45000	Ethics of Clinical Practice	1
CSDS 45100	Clinical Methods: Diagnosis	3
CSDS 45200	Clinical Methods:Treatment Planning	3
CSDS 40100	Neuroscience in Speech-Language Pathology	3
CSDS 43000	Research Methods for Speech-Language Pathologists	3
CSDS 49000	Clinical Experience	6
CSDS Elective Course (6)		
6 hours required for B.S. in CSD		6
SPED 20200	Sign Language 1	3
SPED 20300	Sign Language 2	3
CSDS 32000	Clinical Telepractice	3
CSDS 41200	Social Communication and Autism Spectrum Disorder	3
CSDS 40200	Understanding Augmentative and Alternative Communication	3
Total Hours		73-75

showing courses accepted in transfer and courses/hours that still need to be completed at Lewis.

The Office of Admission will consider applications only after the following steps have been completed:

1. An application is submitted.
2. Official transcripts are received by the Office of Admission from each college and/or university attended.

Additional Admission Requirements

Admission Requirements

First Year Students

Students applying for admission to the Bachelor of Science in Communication Sciences and Disorders program at Lewis must meet the following admission criteria established for all Lewis first year students, per the 2023-2024 Undergraduate Catalog:

1. Applicants must have graduated from an approved high school with a combination of grade point average, class rank, and ACT or SAT score which indicates a strong likelihood of success in university studies.
2. Applicants must have accumulated 18 high school units. Three of those units should be in English; the remaining 15 units should be chosen from a college preparatory curriculum.
3. Applicants for admission must complete an Admission Application and have their high schools forward an official student transcript. Students must have their ACT or SAT scores sent to the Office of Admission. Veterans must submit a DD214.

Transfer Students

Students applying for admission to the Bachelor of Science in Communication Sciences and Disorders program at Lewis must meet the following admission criteria established for all Lewis transfer students, per the 2022-23 Undergraduate Catalog:

A transfer student applicant is defined as a degree-seeking student who has earned a minimum of 12 semester (18 quarter) hours of transferable credit at a regionally-accredited post-secondary institution. Transfer student applicants must have earned a minimum 2.0 cumulative transfer grade point average based upon all transferable courses to be considered for admission. Transfer students are not required to submit ACT or SAT scores or a high school transcript. Credits earned through Prior Learning Assessment cannot be used to meet the minimum credit hour requirement for admission.

Official transcripts from all colleges/universities attended must be sent to the Office of Admission. Students must be in good academic, disciplinary, and financial standings at previous colleges/universities attended. An evaluation of transfer credit will be forwarded with the acceptance letter