Lewis University B.S. in CSD



Available this Fall 2023!

- The B.S. in CSD degree provideselerated pathways to the M.S. in SLP degree at Lewis
- Take 1 or 2 semesters off your timeline to practicing as an SLP!

Curriculum Map: Traditional Pathway to MSSLP Bachelor of Science, Communication Sciences and Disorders (B.S. in CSD)

FRESHMAN YEAR					
FALL SEMESTER	CR	SPRING SEMESTER		CR	
PHIL 11009Intro Philosophy	3	COMM 11200Intro to Human Communication			
BIOL 0101-Human Anatomy and Physiology I(Bio-	4				
ASHA elective)		BIOL 0301-Human Anaomy and Physiology II			
BIOL 1020 - Human Anatomy and Physiology I L(Bio-	1				
ASHA elective)		BIOL 1001 - Human Anatomy and Physiology ab			
ENGL 11100 College Writing I	3	ENGL 11200 College Writing II			
UNIV 10100t Cornerstone Seminar *	1	CSDS 20000ntro to SpeecILanguagePathology			
PSYC 10000General Psychology	3	HIST 10200 Global History and Culture 2			
TOTAL	15		TOTAL	17	
SOPHOMORE YEAR					
FALL SEMESTER					

Curriculum Map: Pathway to Accelerated MSSLP Bachelor of Science, Communication Sciences and Disorders (B.S. in CSD) Requires Program Approval

FRESHMAN YEAR				
FALL SEMESTER	CR	SPRING SEMESTER	CR	
PHIL 11009Intro Philosophy	3	COMM 11200Intro to Human Communication		
BIOL 0101-Human Anatomy and Physiology I(Bio-	4			
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UNIV 10100t Cornerstone Seminar *	1	CSDS 20000 tro to Speec Language Pathology		
PSYC 10000General Psychology	3	HIST 10200 Global History and Culture 2		
TOTAL	15	TOTA	L 17	
SOPHOMORE YEAR				
FALL SEMESTER	CR	SPRING SEMESTER	CR	
CHEM 10500 Intro Organic & Biocheisstry (chem/physics ASHA elective)	3	Appreciating the Aesthetic (choice)		
ECON 2000 Basic Macroeconomics	3	Globalization (choice)		
SOCI 29000 Diversity & Social Justice	3	PSYC 21300 fespan Development Elective		
CSDS 21000Intro to Audiology	3	CSDS 42000 Aural Rehabilitation		
CSDS 31000Anatomy & Physiology of Speech, Hearing, & Swallowing	3	CSDS 40000Sci Foundations of Speech and Hearing		

B.S.in CSD: Pathway to Traditional MSSLP	B.S. in CSD: Pathway to Accelerated MSSLP
48 credit hours in CSD major	63 credit hours in CSD major
128 total credits	128 total credits
MSSLP program: 5 semesters	MSSLP program: 4 semesters

B.S. to CSD Degree Requirements: Traditional MSSLP

I. CSDS Core Courses (Required for degree: 42 hours) CSDS 20000 Intro to Speedsinguage Pathology (3) CSDS 21000 Intro 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 40100 euroscience for SLPs (3) CSDS 41000 Speech, Language and Swallowing Development (3) CSDS 42000 Auoundations of oRewa5(evb)-4(cET Q q4(a5(e3(a5(e3(a5(GTj ET Q q 0 0 612 7 B. Social Sciences

(1 course of choice; Additional courses options are available; please confirm with CSD program that your chosen course meets this ASHA requirement.)

PSYC 21100 Child Development (3) PSYC 21200 Adotesnt Development (3) PSYC 21300 Lifespan Development (3) PSYC 21500 Adult Development (3) PSYC 32000 Abnormal Psychology (3) PSYC 32500 Abnormal Child Psychology (3)

C. Physical Sciences (1 course of choice in Chemistry or Physics)

(1 course of choice; dourse 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.)

CHEM 10500 Introductory Organic and Biochemistry (3) CHEM 106XX Topics in Chetrnyi (3) PHYS 10000 Elementary Laboratory Physics (3) PHYS 106XX Topics in Physical Science (3)

D. Statistics

(1 standalone course in statistic Additional courses options are available; please confirm with CSD program that your chosen course meet A Blib requirement.)

PSYC 30300 Statistics for Social Sciences (3)

B. Social Sciences

(1 course of choice; Additional courses options are available; please confirm with CSD program that your chosen course meets this ASHA requirement.)

PSYC 21100 Child Development (3) PSYC 21200 Adolescent Development (3) PSYC 21300 Lifespan Development (3) PSYC 21500 Adult Development (3) PSYC 32000 Abnormal Psychology (3) PSYC 32500 Abnormal Child Psychology (3)

C. Physical Sciences (1 course of choice in Chemistry or Physics) (1 course of choice; if course requires a lab, must take course + lab. Additionsals options are available; please confirm with CSD program that your chosen course meets this ASHA requirement.)

CHEM 10500 Introductory Organic and Biochemistry (3) CHEM 106XX Topics in Chemistry (3) PHYS 10000 Elementary Laboratory Physics (3) PHYS 06XX Topics in Physical Science (3)

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Communication Sciences and Disorders (CSDS) COURSE DESCRIPTIONS

CSDS 20000 Introduction to Speech-Language Pathology (3)

Introduces students to the role of speetanguage pathologists (SLP) in education, healthcare, and private clinic settings. Covers the nine disorder areas that speared pathologists are prepared to address, including disorders of articulation, receptive and expressive language, voice, fluency, social communication, cognition, aural rehabilitation, augntative/alternative communication, and swallowing. Designed to help learners explore the knowledge and skills needed to become a SLP.

CSDS21000 Intro to Audiology (3)

Introduces students to audiological printep and practices. Students learn the scoperactice for clinical audiologists, and explore the course of training for those professionals who diagnose and treat hearing disorders in people of all ages. Additionally, students learn to conduct hearing screenings and make necessary referrals for **graostic** assessment. The basics of hearing instrumentation and testing are covered.

CSDS 30000 Phonetics (3)

Phonetic transcription is a skill used by spetaringuage pathologists to record and analyze the speech production abilities of their clients. It is used when gathering speech samples of individual clients over time, to evaluate whether they demonstrates peech articulation disorder or a dialectal difference, and to monitor progress of clients in interventio adudents learn to transcribe speech samples using the International Phonetic Alphabet (IPA), and apply this skill to evaluation of speech articulati

CSDS 31000 Anatomy & Physiology of Speech, Hearing and Swallowing (3)

A review of anatomical structures of the head, neck and ear; and the physiology of speech production, hearing and swallowin **D**esigned for students who are preparing for a cariees peech anguage pathology or audiology.

CSDS 32000 Clinical Telepractice (3)

Most SLPs deliver services in faceface sessions with their clients; however, with the need to turn to tele-practice as a service modality more often every day, this course will review the unique therapy strategies and digital materials employed in teletherapy. Elective

CSDS 40000 Scientific Foundations of Speech and Hearing (3)

Covers the physical properties f sound, including how it is generated, received, and interpreted by humans. The importance of environmental and linguistic sounds in the human experience are explored. Learners also discover the dynamic interplay of respiration, phonation, articulation esonance that results in human speech.

CSDS 40100 Neuroscience for SLPs (3)

Introduces the neuroanatomical and neurophysiological bases of attention, learning, memory, communication, and emotion. Beginning with an orientation to brain structures practice making clinical connections and learn to associate symptoms of neurological disease and injury with sites of lesion. They will be able to explain the neurological bases of communication and swallowing disorders. Human brain dissection labs incorporated.

CSDS 41000 Speech, Language and Swallowing Development (3)

Human infants are born with reflexive feeding instincts that allow for their survival and ability to thrive. Students explore the evolution of successful feeding and swallowindgilidren and babies as they explore the amazing journey toward communicative competence including the evolution of articulate speech patterns, and receptive and expressive language. The roles of early literacy experiences in the development of oral and mitten language are outlined, as well.

CSDS42000 Aural Rehabilitation (3)

Studentsexaminemethods for assessing and treating communication disorders associated with hearing impairment in children and adults. Basics of hearing screening are reviewed as students learn when to refer a client for audiometric assessment by an audiologist.

CSDS 43000/ SLPA 53000 Research Methods in SLP (3)

A review of foundational research concepts, single subject and group research design, and common methods of data analysis used in the field of spekectoguage pathology. Students learn to critically read and analyze research manuscripts they begin to apply knowledge of research methods by designing a research study similar to the one they will implement for their first capstone experience.

CSDS 45000/ SLPA 55000 Ethics of Clinical Practice (1)

Review of the **S**HA Code of Ethics as it pertains to sp**daob**uage pathology practice. Current ethical issues confronting SLPs are discussed in consideration of best practice recommendations.

CSDS45100/ SLPA 55100 Clinical Methods I: Prevention and Diagnosis (3)

Students learn how to screen for communication and hearing problems in children and adults, and how to plan diagnostic assessments for individuals with suspected communication disorders. Students interact with a variety of evaluation tools used for evaluations peech, language, social and cognitive abilities.

CSDS 45200/ SLPA 55200 Clinical Methods II: Evidence-Based Treatment Planning (3)

Provides students experience in treatment planning for children and adults with identified communication disorders, including deficits in speech, language, social and cognitive skills. Students learn to apply evidence ased methods for each client, consider available scientific support for methods chosen, family preferences for treatment methods, and their own clinical experiences when making treatment recommendations.

CSDS 45300 Guided Clinical Observation (2)

CSDS 49000 Clinical Practicum (6)

Students gain clinical experience in one of a variety of clinical SLP settings. All experiences are supervised by licensed and certified SLPs, and students can gain up to 50 hours of supervised clinical experience in this course. The expectation is that entry provide services clients wo days per week during this experience.

Prerequisite: CSDS 45300 Guided Clinical Observation (2)

CSDS/ SLPA 50400 Speech Sound Disorders (3)

Covers articulation and phonological disorders that impact speech productio