CSUSM Preparation Program in Speech-Language Pathology*

Course List:

Required Lower-Division Prep Courses (9 units)

Introduction to Communicative Sciences and Disorders	SLP 150 (3)
Language Acquisition and Assessment for Practitioners	SLP 251 (3)
Statistics	MATH 142 (3)

Upper-Division General Education Courses (3 units)

Science of Speech and Hearing (UDGE: BB)	PHYS 357 (3)

Required Major Courses (21 units)

Anatomy and Physiology of the Speech and Hearing Mechanism	SLP 320 (3)
The Role of Cultural Diversity in Schooling	SLP 364 (3)
Clinical Phonetics and Analysis of Disordered Speech for SLPs	SLP 391 (3)
Diagnostics for Speech-Language Pathologists	SLP 450 (3)
Introduction to Clinical Practice and Procedures	SLP 452 (3)
Audiology and Aural (Re)Habilitation	SLP 482 (3)
Neural Correlates for Speech, Language & Swallowing Functions Voice and Swallowing	SLP 491 (3)

SLP Prep Cohort – Summer Start Course Sequence

Please be aware, this may differ from previous Cohort sequences. The sequence of some prerequisite courses is subject to change. Any sequence updates for the current cohort will be updated and communicated directly with those affected students.

Summer Semester #1 **Full**

10 weeks

SLP 150	Introduction to Communicative Sciences and Disorders	3 units
SLP 251	Language Development and Assessment for Practitioners	3 units
SLP 364	The Role of Cultural Diversity in Schooling	3 units

Fall Semester #2

1st Session

SLP 391	Clinical Phonetics and Analysis of Disordered Speech for SLPs	3 units
SLP 320	Anatomy & Physiology of the Speech & Hearing Mechanism	3 units

2nd Session

PHYS 357	The Science of Speech and Hearing	3 units
SLP 482	Audiology and Aural (Re)Habilitation	3 units

Spring Semester #3

1st Session

SLP 450	Diagnostics for Speech-Language Pathologists	3 units
SLP 491	Neural Correlates for Speech, Language & Swallowing Functions	3 units

2nd Session

SLP 452	Introduction to Clinical Practice and Procedures	3 units
MATH 142	Statistics	3 units

SLP Prep Cohort – Summer Start Course Sequence

Course Descriptions:

MATH 142 (3) Basic Statistics
Covers types of data; descriptive statistics; types of students; probability and sampling distributions; statistical inference; correlation and linear regression; chi-square, t-tests, and F-test; interpretation of the relevance of the statistical findings. Includes the application of technology for statistical analysis from disciplines including business, social sciences, psychology, life science, health science, and education. Enrollment restricted to students who completed the entry-level mathematics requirement (ELM).

SLP 150 (3)
[Change in prefix (Formerly offered as EDSL 150 and 350)]
Introduction to Communicative Sciences and Disorders
Orientation to a career in speech-language pathology. Overviews the numerous speech, language, cognitive, swallowing and hearing disorders that speech-language pathologists diagnose and treat.

SLP 251 (3)
[Change in prefix and course number (Formerly offered as EDSL 251 and 351)]
Language Development and Assessment for Practitioners
This course serves as a general introduction to the study of language acquisition and assessment. Principles of typical and atypical first and second language acquisition will be examined. We will read and explore how theoretical viewpoints and evidence-based practice influences our approach to acquisition and assessment of typical and atypical language development. Students will gain "explicit" knowledge in language assessment and analysis techniques of natural speech.

SLP 320 (3)
[Change in prefix and course number (Formerly offered as EDSL 320)]
Anatomy and Physiology of the Speech and Hearing Mechanism
Explores the anatomy and physiology of speech and hearing including respiration, phonation, resonance, articulation and perception. An introduction to the central and peripheral nervous system also is provided*. Also offered as BIOL 320. Students may not receive credit for both. Enrollment restricted to students who have completed the Lower-Division General Education requirement in Life Science (B2).*

SLP 357 or PHYS 357 (3)
[Change in prefix (Formerly offered as EDSL 357)]
The Science of Speech and Hearing
Provides a foundation in the science of sound as applied to speech and hearing with applications in the field of communicative disorders. Students will learn the fundamental science of the production and perception of sound. The physical and physiological aspects of speech and its measurement will be reviewed. Normal physical processes and principles serve as a framework for understanding abnormal functioning. Clinical applications are used to demonstrate the importance of the science of sound to the

clinician. *May not be taken for credit by students who have received credit for PHYS 490-3. Also offered as PHYS 357. Students may not receive credit for both.*

SLP 364 (3)
[Change in prefix (Formerly offered as EDSL 364)]
The Role of Cultural Diversity in Schooling
Principles of first and second language acquisition (e.g. historical and current theories, psychology, sociocultural, political, and pedagogical factors) and issues related to notions of culture, interaction, and communication in school and community contexts (e.g. the nature of culture, manifestations of cultural contact and cultural diversity in the United States and in California) within a theoretical and applied context.
Satisfies GE Area: DD
Satisfies Diversity & Equity Area DEu

SLP 391 (3)
[Change in prefix (Formerly offered as EDSL 391)]
Clinical Phonetics and Analysis of Disordered Speech for Speech Language Pathologists
Description, analysis, and transcription of typically produced and disordered speech sounds. The importance and application of phonetic transcription in the assessment of individuals with communication disorders is examined. Students will learn techniques for citation and intelligibility assessment. Knowledge of typical and disordered development is incorporated to aid in diagnostic and therapy decisions. Students analyze child and adult speech samples to differentially diagnose articulation and phonological disorders.

SLP 450 (3)
[Change in course number (Formerly offered as EDSL 260 and 450)]
Diagnostics in Speech-Language Pathology
Consideration of the general role of evaluation in speech and language therapy with intensive study of diagnostic tests and procedures used to assess communication disorders.
May not be taken for credit by students who have received credit for EDSL 360.

SLP 452 (3) Introduction to Clinical Practice and Procedures
Provides a review of certification, professional standards and practice ethics. Students will engage in the process of goal setting, lesson planning, and recording and describing client behaviors for communication disorders across the lifespan. Methods of observing will be covered, and students will complete 25 hours of guided observation in a wide variety of settings, under the direction of a licensed and certified speech-language pathologist. Students will develop clinical writing skills appropriate to various speech-language pathology settings.

SLP 482 (3) Audiology and Aural (Re)Habilitation
Reviews the anatomy of the auditory and vestibular systems and explores peripheral and central disorders which can affect hearing and balance. Teaches classification of hearing disorders by etiology, location within the auditory systems, and effect on communication. Investigates the current assessments

available to evaluate hearing and balance and the results provided by the assessments. Trains students to administer an appropriate hearing screening protocol. Explores intervention methods for developing and maintaining communication with patients with hearing loss.

SLP 491 (3) Neural Correlates for Speech, Language and Swallowing Functions
Covers the neurological underpinnings of typical speech, language and swallowing functions across the lifespan. Introduces the role of the peripheral and central nervous system in communication and swallowing functions. *Prerequisite: SLP 320*