CSUSM Preparation Program in Speech-Language Pathology

Course List:

Required Lower-Division Prep Courses (9 units)		Units
SLP 150	Introduction to Communicative Sciences and Disorders	3
SLP 251	Language Acquisition and Assessment for Practitioners	3
MATH 142	Basic Statistics	3

Upper-Division General Education Courses (3 units)		Units
PHYS 357	Science of Speech and Hearing	3

Required Major Courses (21 units)		Units
SLP 320	Anatomy & Physiology of the Speech & Hearing Mechanism	3
SLP 364	The Role of Cultural Diversity in Schooling	3
SLP 391	Clinical Phonetics and Analysis of Disordered Speech for SLPs	3
SLP 450	Diagnostics for Speech-Language Pathologists	3
SLP 452	Introduction to Clinical Practice and Procedures	*3
SLP 482	Audiology and Aural (Re)Habilitation	3
SLP 491	Neural Correlates for Speech, Language & Swallowing Functions	3

** This course contains 25 guided observation hours*

SLP Prep Cohort – Spring 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.

Spring Semester #1		**Units**
1st Session		
SLP 150	Introduction to Communicative Sciences and Disorders	3
SLP 251	Language Acquisition and Assessment for Practitioners	3
2nd Session		
SLP 364	The Role of Cultural Diversity in Schooling	3
SLP 482	Audiology and Aural (Re)Habilitation	3

Summer Semester #2		**Units**
Full 10 weeks		
PHYS 357	Science of Speech and Hearing	3
SLP 320	Anatomy & Physiology of the Speech & Hearing Mechanism	3
SLP 391	Clinical Phonetics and Analysis of Disordered Speech for SLPs	3

Fall Semester #3		**Units**
1st Session		
SLP 450	Diagnostics for Speech-Language Pathologists	3
SLP 491	Neural Correlates for Speech, Language & Swallowing Functions	3
2nd Session		
SLP 452	Introduction to Clinical Practice and Procedures	3
MATH 142	Basic Statistics	3

SLP Prep Cohort – Spring 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) **Introduction to Communicative Sciences and Disorders**
[Change in prefix (Formerly offered as EDSL 150 and 350)]

Orientation to a career in speech-language pathology. An overview of the numerous speech, language, cognitive, swallowing and hearing disorders that speech-language pathologists diagnose and treat.

- *May not be taken for credit by students who received credit for: EDSL 150 or EDSL 350.*
- *Cross-listed: SLP 150 is cross-listed with LING 150. Students may not receive credit for both.*

SLP 251 (3) **Language Development and Assessment for Practitioners**
[Change in prefix and course number (Formerly offered as EDSL 251 and 351)]

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. Students will read and explore how theoretical viewpoints and evidence-based practice influences their 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.

- *May not be taken for credit by students who received credit for: SLP 351 and SLP 551.*

SLP 320 (3) **Anatomy and Physiology of the Speech and Hearing Mechanism**
[Change in prefix and course number (Formerly offered as EDSL 320)]

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.

- *Cross-listed: SLP 320 and BIOL 320 are cross-listed. Students may not receive credit for both.*
- *Enrollment Restrictions: Enrollment restricted to students who have completed the Lower-Division General Education requirement in Life Science (B2).*
- *Satisfies GE area: UD25*

SLP 357 or PHYS 357 (3) **The Science of Speech and Hearing**
[Change in prefix (Formerly offered as EDSL 357)]

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 received credit for: PHYS 490-3.*
- *Cross-listed: SLP 357 and PHYS 357 are cross-listed. Students may not receive credit for both.*

SLP 364 (3) **The Role of Cultural Diversity in Schooling**
[Change in prefix (Formerly offered as EDSL 364)]

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: UD4*
- *Satisfies Diversity & Equity Area: DEu*

SLP 391 (3) **Clinical Phonetics and Analysis of Disordered Speech for Speech Language Pathologists**
[Change in prefix (Formerly offered as EDSL 391)]

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) **Diagnostics in Speech-Language Pathology**
[Change in course number (Formerly offered as EDSL 260 and 450)]

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 received credit for: EDSL 260 or EDSL 360.*
- *Enrollment Requirement(s): Open only to SLP, B.S. and SLP Prep students in their final semester.*

SLP 452 (3) **Introduction to Clinical Practice**

Provides an in depth understanding of the expertise and professional skills required to become a Speech-Language Pathologist. Reviews the roles and responsibilities of the SLP, as well as professional and ethical responsibilities for certification and licensure. Will aid in the first steps of career planning to become a speech-language pathologist.

- *Enrollment Requirement(s):* Open only to SLP, B.S., students and SLP Preparation students in their final semester.

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*