

CSUSM Bachelor of Science in Speech-Language Pathology

Course List:

Required Lower-Division Prep Courses (15 units)		Units
SLP 150 or 175	Introduction to CSD/CD in Literature and Media	3
SLP 201	Hearing Disorder and Measurement	3
SLP 222	Evidence-Based Practice in SLP	3
SLP 251	Language Acquisition and Assessment for Practitioners	3
MATH 142	Basic Statistics	3
Upper-Division General Education Courses (9 units)		Units
PHYS 357	Science of Speech and Hearing	3
EDUC 380	Applications in Child and Youth Development	*3
PHIL 345	Bioethics and Medical Ethics	**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 372	Foundations of Cognitive and Social Communication	3
SLP 391	Clinical Phonetics and Analysis of Disordered Speech for SLPs	3
SLP 431	Deconstructing Disability	3
SLP 450	Diagnostics for Speech-Language Pathologists	3
SLP 452	Introduction to Clinical Practice	****3
SLP 461	Disorders of Speech Sound Production	3
SLP 463	Low-Incidence Communication Disorders	3
SLP 471	Developmental Language and Literacy	3
SLP 473	Adult Neurogenic Communication Disorders Functions	3
SLP 481	Seminar in Audiology	3
SLP 491	Neural Correlates for Speech, Language & Swallowing Functions	3
SLP 492	Voice and Swallowing	3
SLP 495	Capstone Course in Speech-Language Pathology	3
SLP 496	From Evidence to Application	3
SLP 499	Senior Seminar in Speech-Language Pathology	3

* This course requires 25 service hours outside of scheduled class time

** This course satisfies the Diversity & Equity-Global Graduation Requirement

*** This course satisfies the Diversity & Equity-US Graduation Requirement

**** This course contains 25 guided observation hours

**CSUSM Bachelor of Science in Speech-Language Pathology
Full-Time 2-year program Spring Course Sequence:**

Year 1:		Units
<u>Semester #1: 15 units</u>		
SLP 150 or 175	Introduction to CSD/ CSD in Literature and Media	3
SLP 201	Hearing Disorder and Measurement	3
SLP 222	Evidence-Based Practice in SLP	3
SLP 251	Language Acquisition and Assessment for Practitioners	3
MATH 142	Basic Statistics	3
<u>Semester #2: 15 units</u>		
EDUC 380	Applications in Child and Youth Development	3
PHIL 345	Bioethics and Medical Ethics	3
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
<u>Semester #3: 15 units</u>		
PHYS 357	Science of Speech and Hearing	3
SLP 372	Foundations of Cognitive and Social Communication	3
SLP 431	Deconstructing Disability	3
SLP 481	Seminar in Audiology	3
SLP 491	Neural Correlates for Speech, Language and Swallowing Functions	3
Year 2:		Units
<u>Semester #4: 15 units</u>		
SLP 461	Disorders of Speech Sound Production	3
SLP 471	Developmental Language and Literacy Disorders	3
SLP 473	Adult Neurogenic Communication Disorders	3
SLP 492	Voice and Swallowing	3
SLP 499	Senior Seminar in Speech-Language Pathology	3
<u>Semester #5: 15 units</u>		
SLP 450	Diagnostics in SLP	3
SLP 452	Introduction to Clinical Practice	3
SLP 463	Low-Incidence Communication Disorders	3
SLP 495	Capstone Course in Speech-Language Pathology	3
SLP 496	From Evidence to Application	3

CSUSM Bachelor of Science in Speech-Language Pathology
Course Descriptions:

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 175 (3) Communication Disorders in Literature and Media

Explores communication disorders as they are portrayed in literature and media. Disorders will be discussed from two perspectives; first the scientific perspective that includes etiology, diagnosis, and treatment as it relates to practice in the field of Speech-Language Pathology. Portrayal of communication disorders in literature and media will be used to explore society's perceptions. Exploration of psychological and functional implications of the disorders on individuals and their families. Reflections on misalignments between stereotypical views, scientific information about disorders and individual experiences portrayed in literature and media.

SLP 201 (3) Hearing Disorders and Measurement

[Change in prefix (Formerly offered as EDSL 201)]

Reviews the anatomy of the auditory and vestibular systems and explores peripheral and central disorders which can affect hearing and balance. Classification of disorders of hearing 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.

- *May not be taken for credit by students who received credit for: EDUC 496-2.*

SLP 222 (3) Evidenced-Based Practice in Speech-Language Pathology

Provides students with an exploration of EBP in the assessment and treatment of communication and swallowing disorders. Students will learn of the benefits and limitations of EBP in case management.

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 The Science of Speech and Hearing

or PHYS 357 (3) *[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 372 (3) Foundations of Cognitive and Social Communication

Covers foundations of cognitive and social communication. Discusses theories of cognitive development and cognitive functions. Introduces the role of cognitive processes, such as attention, memory, problem-solving, and executive functions, that underlie communication. Explores theories and the use of verbal and nonverbal communication for social purposes across the lifespan. Discusses the development and breakdown of social communication and cognition and the influence on communicative interaction and language.

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 431 (3) Deconstructing Disability

Covers historical and contemporary understandings of disability. Reviews models of disability, framed in light of the World Health Organization's (WHO) International Classification of Functioning, Disability and Health (ICF). Delves into issues of identity, including the stigmatization, marginalization and discrimination of people with disabilities. Addresses intersectionality of disability with race, gender, age, and socioeconomic status in the global landscape. Introduces the disability rights movement and government policies and actions to protect individuals with disabilities.

- Satisfies GE area: UD4
- Satisfies Diversity & Equity area: Deg

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 461 (3) Disorders of Speech Sound Production

Applies knowledge of articulation and phonological processes to the assessment and intervention of individuals with organic and/or functional speech sound disorders across the lifespan. Covers theoretical constructs relevant to how we conceptualize articulation and phonology, explores prevention and assessment procedures, and reviews current evidence-based intervention approaches. Content will include developmental and acquired disorders of articulation and phonology, in addition to developmental and acquired motor speech disorders.

- *Prerequisite(s): SLP 391 with a minimum grade of C (2.0).*

SLP 463 (3) Low-Incidence Communication Disorders

Focuses on low-incidence communication disorders and augmentative and alternative methods of communication. Presents theories and principles in the onset, development, and maintenance of fluency in children and adults. Covers etiological and structural factors associated with cleft lip and palate and resulting difficulties in areas related to communication, such as speech, language, and hearing. Explores approaches to support individuals with complex communication needs, including assistive technology. Reviews current best practices in prevention, assessment, and treatment for populations across the lifespan.

- *Prerequisite(s): SLP 320, SLP 372, and SLP 461; all courses completed with a C (2.0) or better.*

SLP 471 (3) Developmental Language and Literacy Disorders

Reviews current theories regarding the underlying etiology of language disorders in infants and children. Uses knowledge and principles from typical communication development to inform assessment and treatment. Emphasis on gathering and analyzing diagnostic information to develop evidence-based treatment plans for infants and children.

- *Prerequisite(s): SLP 251.*

SLP 473 (3) Adult Neurogenic Communication Disorders

[Change in prefix (Formerly offered as EDSL 473)]

Covers the neuroanatomical and neurophysiological bases of adult human communication and discuss types of brain injuries (i.e. diagnoses) that lead to acquired communication disorders in adults. Examines the linguistic and cognitive-communicative disorders of aphasia, right brain dysfunction, traumatic brain injury, and dementia. Surveys historical and contemporary literature related to the nature of these communication disorders, including prominent theories.

- *Prerequisite(s): SLP 491 with a minimum grade of C (2.0) or better.*

SLP 481 (3) Seminar in Audiology

Develops skills in conducting a basic audiometric evaluation. Introduces the professional responsibilities of an audiologist, role of the educational audiologist in various practice settings, and the implications of deaf and hard-of-hearing status on mainstreaming children into classrooms, and adults into workplace and social settings.

- *Prerequisite(s): SLP 201.*

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(s): SLP 320 with a minimum grade of C (2.0).*

SLP 492 (3) Voice and Swallowing

Introduces students to the anatomy and physiology components of normal voice and swallow across the lifespan. Covers the subsystems for voice production and stages of swallowing as well as changes leading to impairments in voice and swallowing. Covers the organic and functional factors that impact voice and swallowing. Highlights the

interrelatedness between the voice and swallowing mechanisms. Introduces current evidence-based practices in assessment and intervention.

- *Prerequisite(s): SLP 320 and SLP 491 with a minimum grade of C (2.0).*

SLP 495 (3) Capstone Course in Speech-Language Pathology

A seminar intended for students in their final year of undergraduate study. Drawing from theories and knowledge gained from previous courses, this capstone course helps students to synthesize scholarly research as it relates to critical issues in the field of Speech Language Pathology.

- *Enrollment Restrictions: Enrollment restricted to Speech Language Pathology majors with Senior standing.*
- *Prerequisite(s): SLP 222.*

SLP 496 (3) From Evidence to Application

Uses an active learning approach to develop skills to read and critically analyze literature in the field of speech-language pathology. Includes in-depth discussion of evidence-based practice, including research aims, methodology, outcomes, and analysis. Uses clinical observation as the basis of interpretation of research findings and application to clinical practice.

- *Corequisite(s): SLP 452.*

SLP 499(3) Senior Seminar in Speech-Language Pathology

An advanced seminar in the field of Speech-Language Pathology designed to allow in-depth investigation of a particular disorder area.

- *Enrollment Restrictions: Enrollment restricted to students with Senior standing.*

Required Non-SLP Specific Courses:

EDUC 380 (3) Applied Child and Youth Development

Considers the social, cultural, cognitive, emotional, linguistic, and behavioral development of children and adolescents from multidisciplinary, multicultural, and applied perspectives. Students will learn major theories of development in order to apply that knowledge to their work in evidence-based services and programs for children and youth. Includes a field experience component through which students will consider how their in-class learning is enacted in the lived experiences of children and youth. Special attention is given to identifying multicultural and socio-cultural influences on development.

- *May not be taken for credit by students who received credit for: HD 380. Service Learning course.*
- *Satisfies GE area: UD4*

MATH 142 (3) Basic Statistics

Covers types of data; descriptive statistics; types of studies; 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 Restrictions: enrollment is restricted to students in Mathematics/Quantitative Reasoning Placement Categories I and II, or who have completed MATH 101 or MATH 105 with a grade of C (2.0) or better.*

PHIL 345 (3) Bioethics and Medical Ethics

A survey of ethical issues in biological and medical research and practice. Offers an introductory survey of ethical and moral theory, and investigates the application of moral and ethical theory to issues such as animal and human research, the doctor-patient relationship, reproductive technologies, and biotechnology.

- *Satisfies GE area: UD3*
- *Satisfies Diversity & Equity area: DEg*