

# CSUSM Bachelor of Science in Speech-Language Pathology

## Course List:

### Required Lower-Division Prep Courses (15 units)

Introduction to CSD/CD in Media	SLP 150 or SLP 175 (3)
Hearing Disorder and Measurement	SLP 201 (3)
Evidence Based Practice	SLP 222 (3)
Language Acquisition and Assessment for Practitioners	SLP 251 (3)
Statistics	MATH142 (3)

### Upper-Division General Education Courses (9 units)

Science of Speech and Hearing (UDGE:BB)	PHYS 357 (3)
Applications in Child and Youth Development (UDGE:DD)	EDUC 380 (3)
Bioethics and Medical Ethics (UDGE: CC)	PHIL 345 (3)*

### Required Major Courses (51 units)

Anatomy and Physiology of the Speech and Hearing Mechanism	SLP 320 (3)
The Role of Cultural Diversity in Schooling	SLP 364 (3)^
Foundations of Cognitive and Social Communication	SLP 372 (3)
Clinical Phonetics and Analysis of Disordered Speech for SLPs	SLP 391 (3)
Deconstructing Disability	SLP 431 (3)
Diagnostics in SLP	SLP 450 (3)
Introduction to Clinical Practice and Procedures	SLP 452 (3)
Disorders of Speech Sound Production	SLP 461 (3)
Voice and Fluency Disorders	SLP 463 (3)
Developmental Language and Literacy	SLP 471 (3)
Adult Neurogenic Communication Disorders Functions	SLP 473 (3)
Seminar in Audiology	SLP 481 (3)
Neural Correlates for Speech, Language & Swallowing Functions	SLP 491 (3)
Voice and Swallowing	SLP 492 (3)
Capstone Course in Speech-Language Pathology	SLP 495 (3)
From Evidence to Application	SLP 496 (3)
Senior Seminar in Speech-Language Pathology	SLP 499 (3)

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

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

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

**Year 1:**

**Semester #1: 15 units**

SLP 150 or SLP 175	Introduction to CSD / CSD in Media	3
SLP 201	Hearing Disorder and Measurement	3
SLP 222	Evidence Based Practice	3
SLP 251	Language Acquisition and Assessment for Practitioners	3
MATH 142	Introduction to Statistics	3

**Semester #2: 15 units**

EDUC 380	Applications in Child and Youth Development	3
PHIL 345	Bioethics and Medical Ethics	3
SLP 320	Anatomy and Physiology of the Speech and Hearing Mechanism	3
SLP 364	The Role of Cultural Diversity in Schooling	3
SLP 391	Clinical Phonetics	3

**Semester #3: 15 units**

PHYS 357	Physics of Speech and Sound	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:**

**Semester #4: 15 units**

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

**Semester #5: 15 units**

SLP 450	Diagnostics in SLP	3
SLP 452	Introduction to Clinical Practice and Procedures	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)**

[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 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)**

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

#### **Hearing Disorders and Measurement**

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 have 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)**

[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.

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## **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 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)**

[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.

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## **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 (IFC). 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.

## **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 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

## **SLP 463 (3)**

### **Voice and Fluency 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. Current best practices in prevention, assessment, and treatment for populations across the lifespan will be reviewed.

*Prerequisites: SLP 320, SLP 372, SLP 461*

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## **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: SLP 251*

## **SLP 473 (3)**

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

### **Adult Neurogenic Communication Disorders**

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: SLP 491*

## **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 work-place and social settings.

*Prerequisite: 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: SLP 320*

## **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.*

# **CSUSM Bachelor of Science in Speech-Language Pathology**

## **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.

## **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.

## **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 restricted to students with Senior standing.*

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## **EDUC 380 (3)**

### **Applications in 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. Course 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 sociocultural influences on development.

## **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).

## **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.