



Pre-Professional Certificate Program Course Descriptions

Catalog Year 2023/2024

☐ **CSD 2256 Deaf Culture and Community: 3 credits** *Pre-Audiology only*

Emphasizes aspects of Deafhood and Deaf culture. Focus on identity, language, impact, educational issues, and minorities within the Deaf culture and how these affect language and identity. Includes examination of the Deaf culture as a worldwide experience and contrasts it with American Deaf culture. Fulfills Objective 9 of the General Education Requirements. PREREQ: CSD 1151 and 1151L.

☐ **CSD 3310 Speech Science: The Acoustical Nature of Sound and Speech: 3 credits**

Introduction to the nature and acoustical properties of sound and sound: generation, propagation, and modification. Explores speech production and characteristics of speech acoustics as they relate to typical and atypical speech production and perception. Speech production subsystems of respiration, phonation, articulation, and resonance are examined in detail through the analysis of acoustic and physiological data. Examines seminal and contemporary theories of speech production and perception, research findings, clinical applications, and measurement and analysis of typical speech and voice production and perception.

☐ **CSD 3315 Clinical Processes Pediatric: 2 credits** *Pre-SLP only*

Assessment and treatment principles, methods, and procedures in Speech-Language Pathology with focus on the pediatric population. PREREQ: CSD 3321 and CSD 3330, or permission of instructor.

☐ **CSD 3321 Clinical Phonetics and Phonology: 3 credits** *Pre-SLP only*

Basic concepts in applied phonetics and phonology, emphasizing applications in communication disorders and differences. Introduction to International Phonetic Alphabet.

☐ **CSD 3325 Speech Sound Development and Disorders: 3 credits** *Pre-SLP only*

Introduction to childhood speech development and disorders. Basic clinical principles and procedures for diagnosis and treatment of disorders of speech sound production. PREREQ or COREQ: CSD3325L. PREREQ: CSD 3321 with a grade of 'C' or better or permission of instructor.

☐ **CSD 3325L Speech Sound Development and Disorders Lab: 1 credit** *Pre-SLP only*

Required laboratory portion of CSD 3325 for emphasis in pre-speech-language pathology. Skill development in use of International Phonetic Alphabet in the transcription of typical and disordered speech. PREREQ or COREQ: CSD 3325. PREREQ: CSD 3321 with a grade of 'C' or better or permission of instructor.

☐ **CSD 3330 Language Science: 3 credits** *Pre-SLP only*

Introduction to the nature, structure and function of language with an emphasis on the structure of the English language. Includes an introduction to language analysis and language diversity.

☐ **CSD 3335 Language Development and Disorders: 3 credits** *Pre-SLP only*

Study of the development of phonology, morphology, semantics, syntax, pragmatics and relevant nonverbal and cognitive aspects of language. Review of current theories and research. Includes etiology and characteristics of primary, secondary and acquired language disorders in children. PREREQ: CSD 3330, or permission of instructor.

Department of Communication Sciences & Disorders

921 South 8th Avenue, Stop 8116 | Pocatello, ID 83209 | Phone: (208) 282-4544 | Fax: (208) 282-4571

1311 East Central Drive | Meridian, ID 83642 | Phone: (208) 373-1908 | Fax: (208) 373-1811

isu.edu/csd

☐ **CSD 3340 Communication Development and Disorders: Lifetime Perspective: 3 credits** *Pre-Audiology only*

An overview of speech and language development across the lifespan and a survey of speech and language disorders. The course will focus on how communication development and disorders may impact services provided by audiologists and other health professionals. Class intended for students not pursuing a speech-language pathology graduate degree.

☐ **CSD 3341 Audiometry and Hearing Science: 3 credits**

Introduction to basic hearing science, sound measurement, audiometry, tympanometry, hearing disorders, public school screening, and methods of aural rehabilitation. Review of role of audiology in human services.

☐ **CSD 3350/3350L Anatomy & Physiology of the Speech and Swallowing Mechanisms & Lab: 3 credits** *Pre-SLP only*

Introduction to the anatomy and physiology of speech production and swallowing. Examination of structures and functions related to respiration, phonation, resonance, articulation, mastication, and deglutition. Focus on typical structures and processes and atypical structure and processes in populations with speech and swallowing disorders. COREQ: CSD 3350L.

☐ **CSD 4405 Neuroscience for Communication Disorders: 3 credits**

Fundamentals of neuroanatomy and physiology related to speech, language and hearing. Introduction to communication disorders related to neurological damage.

☐ **CSD 4415 Clinical Practicum in Audiology: 1-2 credits** *Pre-Audiology only*

Supervised experience in the evaluation, (re)habilitation, and counseling of persons with hearing disorders. Students will also participate in weekly clinical staffing. May be repeated for up to 6 credits. PRE-or-COREQ: CSD 4416.

☐ **CSD 4416 Audiology Methods and Applications: 1 credit** *Pre-Audiology only*

Introductory training and experience in audiologic clinical procedures. PREREQ: Completion of CSD 3341 and permission of instructor.

☐ **CSD 4417 Interdisciplinary Evaluation Team: 1 credit** *Pre-Audiology only, recommended for Pre-SLP*

Introduction to principles, techniques of interdisciplinary evaluation. Disciplines emphasized: Audiology, Nursing, Physical Therapy, Psychology, Social Work, Special Education, Speech-Language Pathology. Equivalent to DHS 4417, NURS 4417, PSYC 4417, and SOWK 4417. PREREQ: Permission of instructor.

☐ **CSD 4420 Clinical Processes Adult: 2 credits** *Pre-SLP only*

Assessment and treatment principles, methods, and procedures in Speech-Language Pathology with focus on the adult population. PREREQ: CSD 3315 or permission of the instructor.

☐ **CSD 4425 Speech Language Pathology Methods and Application: 2 credits** *Highly Recommended (not required) for Pre-SLP emphasis only, not required for Pre-Audiology emphasis*

Application of assessment and treatment principles, methods, and procedures in clinical and language disorders through classroom experiences, observation, and clinical experiences. For CSD majors only. PREREQ: CSD 3315, CSD 3325, CSD 3335, and CSD 4420 or permission of the instructor.

☐ **CSD 4445 Aural Rehabilitation: 3 credits**

Aural rehabilitation of the hearing impaired. Consideration of amplification, speech reading, auditory training, and other aspects of the process.

☐ **CSD 4460 Educational Audiology: 3 credits**

Overview of school-based audiology services including working within the public school system and with related professionals, legal issues, and options for providing comprehensive services to children with hearing loss and their families.