Speech, Language, and Hearing Sciences

IN THE COLLEGE OF HEALTH AND HUMAN SERVICES

OFFICE: Speech, Language, and Hearing 221
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WEBSITE: http://slhs.sdsu.edu

Accredited in speech-language pathology and audiology by the Council on Academic Accreditation in Audiology and Speech-Language Pathology.

Faculty
Emeritus: Allen, Cheng, Christensen, Davies, Gutierrez-Clellen, Newhoff, Nichols, Riedman, Seitz, Shapiro, Thal, Thile, Williams
Professor: Barlow, Emorey, Kramer, Love-Geffen, Mackersie, Torre, Ill
Associate Professor: Blumenfeld, Dreisbach Hawe, Nip, Pruitt-Lord
Assistant Professor: Mills, Pham, Ries-Cornou
Lecturers: Branch, Kirsch, Lopes, Schmitz, Turner

Offered by the School
Doctor of Philosophy degree in language and communicative disorders.
Doctor of Audiology.
Master of Arts degree in speech, language, and hearing sciences.

Major in speech, language, and hearing sciences

The Major
The School of Speech, Language, and Hearing Sciences is committed to preparing speech-language-hearing professionals to meet the challenges of a racially, ethnically, and linguistically diverse society. There are limited employment opportunities for holders of the bachelor’s degree; the bachelor’s degree in speech, language, and hearing sciences serves as the basis for further graduate and professional study. A master’s or professional doctoral degree, national certification and/or state licensure or school credential are needed for professional practice in areas such as speech-language pathology and audiology. A research doctorate (Ph.D.) is required for individuals pursuing a research and teaching career at the university level.

Speech-language pathology and audiology are professions that identify, help, and study persons with communicative disorders. Those entering these professions should possess a strong motivation to help individuals with communication problems. Preparation involves acquiring the knowledge and skills necessary to assume responsibility for assessment, education, and rehabilitation of persons with speech, language, and hearing disorders.

The master’s degree is an advanced degree for those wanting to work professionally as a speech-language pathologist. A professional doctorate is required for those wanting to work professionally as an audiologist. Positions in speech, language, and hearing sciences are available in many public and private settings working with persons with speech, language, and hearing impairments, and the cognitive disorders underlying these impairments. Graduates with certification or licensure work in rehabilitation centers, schools, hospitals, private agencies, private practice, industry, research, and university teaching and research centers. Career opportunities are particularly good for minority, bilingual or bicultural persons.

The undergraduate curriculum is broad, involving coursework on normal and disordered speech, language, and hearing, as well as clinical procedures. Students interested in the speech, language, and hearing sciences program are advised to take college level courses in anatomy, biology, psychology, English, physiology, linguistics, physics, and mathematics. Studies leading to private practice, hospital work, industrial work, work in school settings, or preparation for graduate work are similar in many ways; it is the area of specialization that serves to differentiate courses of study.

Retention Policy
The College of Health and Human Services expects that all speech, language, and hearing sciences majors will make reasonable academic progress towards the degree. Speech, language, and hearing sciences premajors who have completed major preparatory courses, earned 60 units, but have less than a 2.75 GPA may be removed from the premajor and placed in undeclared.

Impacted Program
The speech, language, and hearing sciences major is an impacted program. To be admitted to the speech, language, and hearing sciences major, students must meet the following criteria:

a. Complete preparation for the major;
b. Complete a minimum of 60 transferable semester units;
c. Have a minimum cumulative GPA of 2.75.

To complete the major, students must fulfill the degree requirements for the major described in the catalog in effect at the time they are accepted into the premajor at SDSU (assuming continuous enrollment).

Major Academic Plans (MAPs)
Visit http://www.sdsu.edu/mymap for the recommended courses needed to fulfill your major requirements. The MAPs website was created to help students navigate the course requirements for their majors and to identify which General Education course will also fulfill a major preparation course requirement.

Speech, Language, and Hearing Sciences Major
With the B.A. Degree in Liberal Arts and Sciences
(Major Code: 12203) (SIMS Code: 550107)

All candidates for a degree in liberal arts and sciences must complete the graduation requirements listed in the section of this catalog on “Graduation Requirements.” No more than 48 units in speech, language, and hearing sciences courses can apply to the degree.

A minor is not required with the major.

Preparation for the Major
Speech, Language, and Hearing Sciences 106, 150; Biology 100; Physics 180A (Chemistry 100 can be substituted for Physics 180A); Psychology 101 and 260; Psychology 280 (Sociology 201, Statistics 119 or 250 can be substituted for Psychology 280). (21-23 units)

Language Requirement. Competency (successfully completing the third college semester or fifth college quarter) is required in one foreign language to fulfill the graduation requirement. Refer to the section of this catalog on “Graduation Requirements.”

Graduation Writing Assessment Requirement. Passing the Writing Placement Assessment with a score of 10 or completing one of the approved upper division writing courses (W) with a grade of C (2.0) or better. See "Graduation Requirements" section for a complete listing of requirements.

International Experience. All speech, language, and hearing sciences majors are required to participate in a pre-approved international experience to increase awareness of cross-cultural issues, global health, economic, political, cultural, social services, and health challenges experienced by local populations in international environments. Students participate in residence for two or more weeks (exemption from the study abroad portion of the requirement must be approved by the dean of the college based...
on serious and compelling life events or physical limitations; a relevant course will be substituted). Specific details can be found on the college website at http://www.chhs.sdsu.edu/international.

To meet the international experience requirement, majors must complete one of the following:
1. A CSU Study Abroad Program;
2. An SDSU Exchange Program;
3. An SDSU Study Abroad Program;
4. An SDSU Study Travel Program;

OR
5. One course selected from:
   • Health and Human Services 290 or 350;
   • Asian Studies 490;
   • Education 450;
   • General Studies 450;
   • International Security and Conflict Resolution 450;
   • Latin American Studies 320, 450, or 550;
   • Political Science 450;
   • Science 350.

Students pursuing a graduate degree should consult the Graduate Bulletin for required undergraduate preparation.

Time Limitation. All courses for the major must be completed within seven years for the granting of the undergraduate degree. Any course completed more than seven years prior to the date on which all requirements for the degree are completed cannot be used to satisfy unit requirements for the degree. Exceptions for individual courses must be approved by the department and filed with the Office of Advising and Evaluations.

Credential
The School of Speech, Language, and Hearing Sciences offers academic and practica coursework applicable to the Speech Language Pathology (SLP) Credential (Credential Code: 00900), required for working in California public schools.

Applicants to a credential program are required to submit scores from the California Basic Education Skills Test (CBEST) as required for working in California public schools. A student must pass this examination, which is given only three or four times each year. The first two years of high school level language count as the equivalent course, provided the student has taken four years of high school level language. Students may work toward meeting the language requirement in various majors. Consult an adviser in the area in which the certificate is sought and complete a Clinical Fellowship (following approval of academic coursework and clinical practica). Consult an adviser in the area in which certificate is desired.

Speech Language Pathology (SLP) Credential in Language, Speech, and Hearing
(Credential Code: 00900)
Students desiring to work with pupils with speech-language and hearing impairments on an itinerant or pull-out basis must complete the Speech Language Pathology (SLP) Credential in Language, Speech, and Hearing (LSH). A master’s degree in speech, language, and hearing sciences is required of all candidates graduating with a SLP credential. Candidates for SLP credential candidates are required to have the Certificate of Clinical Competence (CCC) from the American Speech-Language Hearing Association and the requirements for the Certificate of Clinical Competence (CCC) - Speech Language Pathology. The certificate requires a professional doctorate in audiology (refer to Graduate Bulletin), a master’s degree in speech-language pathology, and specialized clinical experiences. The applicant must pass a national examination in the area for which the certificate is sought and complete a Clinical Fellowship (following approval of academic coursework and clinical practica). Consult an adviser in the area in which certificate is desired.

Preparation Leading to the Certificate of Clinical Competence in Speech-Language Pathology and Audiology by the Council on Academic Accreditation in Audiology and Speech-Language Pathology
Students may complete the academic and clinical practicum requirements leading to the Certificate of Clinical Competence in Speech-Language Pathology (CCC-Sp) or to the Certificate of Clinical Competence in Audiology (CCC-A) given by the Council on Academic Accreditation in Audiology and Speech-Language Pathology. The certificate requires a professional doctorate in audiology, a master’s degree in speech-language pathology, and specialized clinical experiences. The applicant must pass a national examination in the area for which the certificate is sought and complete a Clinical Fellowship (following approval of academic coursework and clinical practica). Consult an adviser in the area in which certificate is desired.

Preparation Leading to State Licensure in Speech Pathology or Audiology
Students may complete the academic and clinical practicum requirements leading to California State Licensure in Speech Pathology or in Audiology, a legal requirement for all individuals professionally employed in non-public school settings and some public school settings. The Speech Pathology and Audiology Examining Committee which operates within the California State Board of Medical Quality Assurance requires a master’s degree or equivalent in speech, language, and hearing sciences in the area (Speech Pathology or Audiology) in which the license is to be granted, 300 clock hours of supervised clinical experience, a national examination, and nine months of full-time supervised work experience (Required Professional Experience). For audiology, the fourth year externship satisfies the Required Professional Experience. Most Licensure and ASHA Certification requirements may be fulfilled concurrently. Consult an adviser in the area in which licensure is desired for specific information.

High School Equivalents
High school American sign language courses may be used for purposes of placement in college courses and may be counted toward meeting the language requirement in various majors. These high school courses will not count as college credit toward graduation.

Secondary school language courses can be used as follows:
1. The first two years of high school level language count as the equivalent of the first semester of a college level course.
2. The first three years of high school level language count as the equivalent of the first two college semesters.
3. Four years of high school level language count as the equivalent of three college semesters or five college quarters, thus fulfilling the language requirement.
Courses (SLHS)
Refer to Courses and Curricula and University Policies sections of this catalog for explanation of the course numbering system, unit or credit hour, prerequisites, and related information.

LOWER DIVISION COURSES

SLHS 106. Introduction to Speech, Language, and Hearing Sciences (3)
Orientation to field of speech-language pathology and audiology, to include scope of practice, professional issues, and research in speech, hearing, and language sciences.

SLHS 150. Sign Languages and Deaf Culture (3) [GE]
Introduction to sign languages, deafness and deaf culture. General issues of human language, language learning, and minority societies.

SLHS 296. Experimental Topics (1-4)
Selected topics. May be repeated with new content. See Class Schedule for specific content. Limit of nine units of any combination of 296, 496, 596 courses applicable to a bachelor’s degree.

UPPER DIVISION COURSES
(Also Acceptable for Advanced Degrees)

SLHS 496. Topics in Speech, Language, and Hearing Sciences (1-4)
Study of some problem in speech, language, and hearing sciences. See Class Schedule for specific content. Limit of nine units of any combination of 296, 496, 596 courses applicable to a bachelor’s degree. Maximum credit six units.

SLHS 499. Special Study (1-3)
Prerequisite: Consent of instructor. Individual study. Maximum credit six units.

SLHS 511. Aural Rehabilitation (3)
Theoretical, methodological, and technical issues related to facilitating receptive and expressive communication in individuals who are deaf or hard-of-hearing. Emphasizes multidisciplinary case management of children.

SLHS 512. Phonological Acquisition and Disorders (3)
Prerequisites: Speech, Language, and Hearing Sciences 320 with a grade of C (2.0) or better. Proof of completion of prerequisite required: Copy of transcript.
Phonology, phonological development, and phonological disorders as they relate to basic linguistic theory. Concepts considered through critical thinking and problem-solving.

SLHS 513. Foundations of Speech-Language: Development (4)
Prerequisites: Speech, Language, and Hearing Sciences 320, 321, and credit or concurrent registration in Speech, Language, and Hearing Sciences 300.
Speech-language development as related to theories of language acquisition, development, and clinical practice in children from birth to school-age.

SLHS 514. Foundations of Speech-Language: Differences and Disorders in Children (3)
Prerequisite: Speech, Language, and Hearing Sciences 513.
Speech and language disorders and issues related to assessment of and intervention with children from culturally and linguistically diverse populations.

SLHS 521. Speech-Language Screening of Children (1) Cr/NC
Three hours of laboratory.
Prerequisite: Clinic clearance.
Screening speech and language of children in various community facilities and settings.

SLHS 525. Clinical Processes (1-2) Cr/NC
Prerequisite: Consent of instructor.
Clinical issues, policies, and methods in speech-language pathology. Experience in writing lesson plans and clinical reports. Clinical observation to partially fulfill requirements for certification. Maximum credit five units.

SLHS 539. Neuroanatomy and Disorders of Speech and Language (3)
Prerequisites: Speech, Language, and Hearing Sciences 150, 300, 305, and 321; or graduate standing.
Structural and functional neuroanatomy and disorders of speech and language resulting from pathology of the nervous system.

SLHS 546. Clinical Issues in Aural Rehabilitation (2)
Prerequisite: Consent of instructor.
Theoretical, methodological, and technical issues related to the speech-language pathologist’s role in facilitating communication in individuals who are deaf or hard-of-hearing.

SLHS 570. Dysphagia (4)
Prerequisite: Consent of instructor.
SLHS 580. Communication Processes and Aging (3)
Prerequisite: Twelve upper division units in an appropriate major.
Normal and disordered communication processes in the aging.

SLHS 590. Seminar in Research Foundations of Speech, Language, and Hearing Sciences (3)
Prerequisites: Consent of instructor and a grade of B+ (3.3) or better in Speech, Language, and Hearing Sciences 305, 320, 513. Open only to senior speech, language, and hearing sciences majors. Graduate students may not use this course toward program of study.
Specialized study of selected topics in speech, language, and hearing sciences.

SLHS 595. Research Practicum (1-3)
Prerequisites: Consent of instructor and a cumulative GPA of 3.0 or better.
Participation in a specific research activity under faculty supervision. Maximum combined credit of six units of Speech, Language, and Hearing Sciences 595 and 795.

SLHS 596. Selected Topics in Speech, Language, and Hearing Sciences (1-4)
Prerequisites: Twelve units in speech, language, and hearing sciences courses.
Specialized study of selected topics from the area of speech-language pathology, audiology, education of the hearing impaired, and speech and hearing science. May be repeated with new content. See Class Schedule for specific content. Limit of nine units of any combination of 296, 496, 596 courses applicable to a bachelor’s degree. Credit for 596 and 696 applicable to a master’s degree with approval of the graduate adviser.

GRADUATE COURSES
Refer to the Graduate Bulletin.