Communication Sciences and Disorders

School of Rehabilitation and Communication Sciences

The School of Rehabilitation and Communication Sciences (SRCS) is composed of 2 departments with 5 programs. The Department of Communication Sciences and Disorders (CSD) consists of programs in Audiology, Sign Language Interpreting, and Speech-Language Pathology. The Department of Physical and Occupational Therapy (DPOT) includes programs in Occupational Therapy and in Physical Therapy. The programs within the School reflect the organization found in many rehabilitation facilities, acknowledging the strong relationships found among these disciplines.

Baccalaureate Programs

The School of Rehabilitation and Communication Sciences is home to 2 baccalaureate degrees (BS in Communication Sciences & Disorders; BS in Sign Language Interpreting), and one Associate’s degree (AS in Sign Language Studies).

Department of Communication Sciences and Disorders

Degrees

The Department of Communication Sciences and Disorders offers an Associate of Science Degree in Sign Language Studies, a Bachelor of Science Degree in Sign Language Interpreting, and a Bachelor of Science Degree in Communication Sciences and Disorders, with an emphasis in either Pre-Audiology or Pre-Speech-Language Pathology. These degrees provide the education and training necessary for individuals who wish to work in education, hospitals, clinics, governmental agencies, skilled nursing facilities, medical offices, and more.

The professions represented within the department seek to help children, youth, and adults with communication disabilities and differences that are either present at birth or acquired later in life. Curricula rich in biological and social sciences in conjunction with rigorous departmental courses in evaluation, treatment, teaching, and research lead our graduates to gainful employment and diverse career opportunities. The career path an individual takes will depend upon training and personal goals. Those who accept the challenge of these professions will find that the effort put forward to earn degrees will be rewarding.

Associate of Science Degree in Sign Language Studies

The Associate of Science Degree in Sign Language Studies is a two year degree which is primarily designed for students who wish to prepare for the Sign Language Interpreting Program or for students who wish to obtain an interim degree before entering another major, such as Deaf Education. The Sign Language Studies degree focuses on American Sign Language skills through academic courses and labs designed to provide a small group setting to facilitate instructor feedback and guidance.

Bachelor of Science Degree in Sign Language Interpreting

The Bachelor of Science Degree in Sign Language Interpreting is designed to prepare students for employment as interpreters in a variety of settings with an emphasis in K-12 environments. An associate degree in Sign Language Studies or its equivalent is required. Students are taught with a “hands on” approach as they learn about Deaf culture, how to collaborate in a professional setting, and participate in field observations culminating with an interpreting internship. Public and private education programs, local and state public health units, institutions such as the Idaho, Montana, and Utah Schools for the Deaf and the Blind, and vocational rehabilitation agencies participate in affiliate service and training. Internship sites may require record of vaccinations and a police background check. The Bachelor of Science in Sign Language Interpreting is offered only at the ISU-Meridian Health Science Center.

Bachelor of Science Degree in Communication Sciences and Disorders, with Emphases in Pre-Audiology and in Pre-Speech-Language Pathology

The areas of Speech-Language Pathology and Audiology have foundations grounded in basic communicative behavior. Included in these emphases are the study of biological and social sciences, phonetics, acoustics, neurology, development of normal speech, language, and hearing abilities as well as deviations from normal communicative processes. Students are introduced to assessment and treatment procedures at the undergraduate level. The Bachelor of Science Degree emphases prepare students to apply to graduate programs in either Speech-Language Pathology or Audiology.

Idaho State University has the distinction of offering the bachelor’s degree with emphasis in Pre-Speech-Language Pathology, as well as the Master of Science degree in Speech-Language Pathology, on both the Pocatello and Meridian campuses. The Master of Science degree is also offered online, although attendance on our campus is mandatory for 8 weeks the first summer and 1 week the second summer of the program. Many departmental classes are taught via distance learning technology with clinical and academic faculty at both sites. Students should note that admission to graduate programs is competitive.

The combined bachelor’s and master’s programs in Speech-Language Pathology and the bachelor’s and clinical doctorate programs in Audiology are designed to prepare students to meet the academic and clinical requirements for the Idaho Department of Education Certificate for Speech-Language Pathologist or Audiologist, state licensing, and the Certificate of Clinical Competence issued by the American Speech-Language Hearing Association (ASHA). Both the graduate programs in Speech-Language Pathology and Audiology are accredited by the Council of Academic Accreditation of ASHA. Additional information about the graduate programs in Speech-Language Pathology and Audiology can be found in the Graduate Catalog (http://coursecat.isu.edu/graduate), Kasiska Division of Health Sciences, Department of Communication Sciences and Disorders (http://coursecat.isu.edu/graduate/healthscience/communicationsciencesdisorders).

Junior Transfer Programs

It is recommended that students interested in the Meridian undergraduate program complete their general education requirements before transferring to Idaho State University-Meridian. General Education classes are not offered at the Idaho State University-Meridian Center. Junior transfer students may complete the requirements for a Bachelor of Science Degree within two years at Idaho State University. January junior transfers may complete the program requirements in two and one half years. Students interested in the undergraduate program at Idaho State University-Meridian should call (208) 373-1908 for additional information. Students wishing to transfer from the Pocatello campus to the Meridian campus should call that same number.

Pre-Professional Coursework

Students with undergraduate degrees in disciplines other than Communication Sciences and Disorders must take a series of courses that are prerequisite to entering the Master’s degree program. These courses are delivered in two formats. The traditional Pre-Professional Program format involves 13 courses provided through on-campus classroom instruction over the course of two semesters and a summer. The Online Pre-Professional Program (OPP)
involves delivery of 13 courses via totally online format, designed to provide nontraditional students with a means of acquiring these courses. Note that the online courses require extra fees, and the program is available to individuals seeking degrees at other institutions. The course sequence and specific aspects of the programs may be found on the Communication Science & Disorders home page at https://www.isu.edu/slp. Completion of the Pre-Professional coursework does not guarantee a spot in the graduate program.

Academic Standards

Each student is responsible for completing the required coursework in the proper sequential order. Required prerequisite courses must be completed before the student can enroll in upper division departmental courses. Transfer students may submit petitions to the department for equivalent recognition of required courses. Students must maintain a GPA of 2.25 and obtain a letter grade of “C-” or better in departmental courses counting toward fulfillment of graduation requirements. A grade of “D+” in departmental courses will not be counted toward satisfaction of requirements for the major. All students must meet with their advisors each semester.

Practicum Standards

Students within the department may enroll in limited practicum activities as seniors. Specified departmental course requirements must be met before a student enrols.

Clinical Services

The Idaho State University Speech-Language and Hearing Clinic on the Pocatello Campus and the Speech and Language Clinic at the ISU Meridian Health Sciences Center offer a variety of clinical training opportunities for students while providing valuable services to the community. Among our audiological services offered at the Pocatello campus are complete audiological and vestibular testing, hearing aid evaluation, auditory training, aural habilitation and rehabilitation, including services for individuals with cochlear implants. The Speech and Language Clinics in Pocatello and Meridian offer evaluation and treatment of speech and language disorders, stuttering, voice, alternative and augmentative communication, and speech-language problems associated with cerebral palsy, traumatic brain injury, autism, cleft palate, and stroke. Specialized group therapy is offered for preschool children with communication needs, toddlers and children with cochlear implants, and adults with aphasia. Clients served in our clinics range in age from infancy to adulthood and all clinical services are provided by experienced students under the direction of ASHA-certified clinical faculty.

Faculty

Chair and Associate Professor

Sanford, Chris.* Associate Professor (Audiology) and Chair, Communication Sciences & Disorders. B.S. 1997, M.S. 1999, Brigham Young University; Ph.D. 2006, University of Washington; Postdoctoral Fellowship, 2009, Boys Town National Research Hospital. (2009)

Associate Chair and Clinical Professor

Lofkin, Joni Grey. Clinical Professor and Associate Chair, Communication Sciences & Disorders. B.S. 1984, Appalachian State University; M.S. 1986, University of South Carolina. (1990)

Professor

Kangas, Kathleen A.* Professor, Communication Sciences & Disorders. B.S. 1974, Northern Michigan University; M.S.P.A. 1977, University of Washington, Seattle; Ph.D. 1990, Purdue University. (1990)

Associate Professors

Bargen, Gabriel. Associate Professor (Audiology), Communication Sciences & Disorders. B.S. 2000, Texas Christian University; M.S.Ed. 2002, University of Nebraska at Kearney; M.A. 2006, University of Kansas Medical Center; Ph.D. 2010, University of Kansas. (2010)


Ogiela, Diane. Associate Professor (SLP), Communication Sciences & Disorders. B.A. 1991, Illinois Benedictine College; M.A. 1993, Syracuse University; M.S. 1995, Purdue University; Ph.D. 2007, Michigan State University; Postdoctoral Fellowship, 2009, Callier Center for Communication Disorders. (2011)


Assistant Professor

Brock, Kristofer, Assistant Professor (SLP), Communication Sciences & Disorders. B.S. 2005, University of the Pacific; M.S. 2008, University of the Pacific; Ph.D. 2015, Texas Tech University Health Sciences Center. (2018)

Cummings, Alycia, Assistant Professor (SLP), Communication Sciences & Disorders. B.A. 2000, Stanford University; Ph.D. 2009, University of California and San Diego State University. (2017)

Scharp, Victoria (Tori), Assistant Professor (SLP), Communication Sciences & Disorders. B.S. 2000, M.A. 2002, Miami University; Ph.D. 2016, University of Pittsburgh. (2016)

Clinical Professors


Clinical Associate Professors

Hardy, Amy E., Clinical Associate Professor (SLP), Communication Sciences & Disorders. B.S. 1996, Arizona State University; M.S. 2001, Northern Arizona University. (2011)


Clinical Assistant Professors


Hansen, Karrie Cummings, Clinical Assistant Professor (SLP), Communication Sciences & Disorders. B.A. 2000, Boise State University; M.S. 2005, Idaho State University. (2010)

Miller, Karissa, Clinical Assistant Professor (SLP), Communication Sciences & Disorders. B.S. 2005, Idaho State University. (2016)

Pierce Ament, Robin, Clinical Assistant Professor (SLP), Communication Sciences & Disorders. B.S. 1985, Brigham Young University; M.A. 1993, University of Colorado. (2010)

Smith, Corrie, Clinical Assistant Professor (Audiology), Communication Sciences & Disorders. B.S. 2007, University of Nevada; Au.D. 2011, Idaho State University. (2014)

Stubbs, Steven G., Clinical Assistant Professor (Sign Language), Communication Sciences & Disorders. B.A. 1997, University of Maryland. (2015)

Van Donsel, Mary, Clinical Assistant Professor (SLP), Communication Sciences & Disorders. B.A. 1997, Randolph-Macon Woman's College; M.S. 2001, Medical University of South Carolina. (2014)


Emeriti

Bain, Barbara A., Director of Undergraduate Studies and Professor, Communication Sciences & Disorders, and Education of the Deaf. 1989-2004

Johnson, Jeanne M.,* Professor, Communication Sciences & Disorders; Education of the Deaf. 2009-2016

Schow, Ronald L., Professor, Audiology. 1975-2007

Seikel, John Anthony “Tony,”** Assessment Coordinator, Health Sciences; Professor, Communications Sciences & Disorders. 1998-2015

Smedley, Thayne, Professor, Audiology. 1983-2001

Wallber, M. Josara, Clinical Associate Professor, Communications Sciences & Disorders. 2006-2014

Weston, Audrey, D.,* Professor, Speech Language Pathology. 1990-2005

Willer, Janene, Clinical Associate Professor, Communication Sciences & Disorders. 1990-2011

Admission to Bachelor’s Degree Programs on Meridian Campus

Students entering the Bachelor’s degree programs at the ISU-Meridian Health Science Center must apply for admission because space in these programs is limited. Students planning to major in Communication Sciences and Disorders must have a GPA of 3.0 or better after completing 40 semester hours. Students planning to major in Sign Language Interpreting must have an associate degree in Sign Language Studies or its equivalent, must have an overall GPA of 2.75 or higher, and must have a GPA of 3.0 or better in skill courses (e.g., ASL interpreting). For more information, call 208-373-1908 or go to the Department Webpage at http://www.isu.edu/csd/.

Bachelor of Science in Communication Sciences and Disorders, with Emphasis in Pre-Audiology or Pre-Speech-Language Pathology

The following courses are required in addition to the university’s General Education Requirements (http://coursecat.isu.edu/undergraduate/academicinformation/generaleducation). Students must choose either the Pre-Audiology Emphasis or the Pre-Speech-Language Pathology Emphasis.

Required Departmental Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tr>
<td>CSD 1126</td>
<td>Deaf Studies</td>
<td>2</td>
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<tr>
<td>CSD 1151</td>
<td>American Sign Language I</td>
<td>3</td>
</tr>
<tr>
<td>CSD 1151L</td>
<td>American Sign Language I Laboratory</td>
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<tr>
<td>CSD 2205</td>
<td>Introduction to Professions in Communication Sciences</td>
<td>3</td>
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<tr>
<td>CSD 3310</td>
<td>Speech Science: The Acoustical Nature of Sound and Speech</td>
<td>3</td>
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<tr>
<td>CSD 3321</td>
<td>Clinical Phonetics and Phonology</td>
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<td>CSD 3321L</td>
<td>Clinical Phonetics and Phonology Lab</td>
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<td>CSD 3341</td>
<td>Audiometry and Hearing Science</td>
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<tr>
<td>CSD 3350</td>
<td>Anatomy &amp; Physiology of the Speech and Swallowing Mechanisms</td>
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<tr>
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<td>Anatomy &amp; Physiology of the Speech and Swallowing Mechanisms Lab</td>
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<tr>
<td>CSD 4405</td>
<td>Neuroscience for Communication Disorders</td>
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<tr>
<td>CSD 4417</td>
<td>Interdisciplinary Evaluation Team</td>
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<tr>
<td>CSD 4445</td>
<td>Aural Rehabilitation</td>
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<tr>
<td>CSD 4460</td>
<td>Educational Audiology</td>
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<td><strong>36</strong></td>
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Other Required Courses

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<tr>
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<tr>
<td>BIOL 330I</td>
<td>Anatomy and Physiology</td>
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<tr>
<td>ENGL 3307</td>
<td>Professional and Technical Writing</td>
<td>3</td>
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<tr>
<td>HCA 1110</td>
<td>Introduction to the Allied Health Professions</td>
<td>3</td>
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<tr>
<td>or HCA 1115</td>
<td>US Health System</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1153</td>
<td>Introduction to Statistics (Satisfies General Education Objective 3)</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 1101</td>
<td>Introduction to General Psychology</td>
<td>3</td>
</tr>
</tbody>
</table>
PSYC 2225 or PSYC 3332
Child Development
Psychology of Adolescence

SOC 2248
Critical Analysis of Social Diversity
(Satisfies General Education Objective 7)

Subtotal 22

Take BIOL 1101 and BIOL 1101L in partial fulfillment of General Education Objective 5.

NOTE: BIOL 1101 and BIOL 1101L may be waived for transfer students who are transferring courses equivalent to BIOL 3301 and BIOL 3302. Consult with your advisor.

Take one of the following courses in partial fulfillment of General Education Objective 5:

CHEM 1100
Architecture of Matter

CHEM 1111 & 1111L
General Chemistry I and General Chemistry I Lab

PHYS 1100
Essentials of Physics

PHYS 1101 & 1101L
Elements of Physics and Elements of Physics Laboratory

PHYS 1111 & PHYS 1113
General Physics and General Physics I Laboratory

Recommended Course

ANTH/ENGL 1107
Nature of Language

Pre-Audiology Emphasis

Students choosing the Emphasis in Pre-Audiology must complete the degree requirements above, the Required Courses listed below, and 8 credits from the list of Elective Courses.

Required Courses

CSD 2256
Deaf Culture and Community (Satisfies General Education Objective 9)

CSD 3340
Communication Development and Disorders: Lifetime Perspective

CSD 4415
Clinical Practicum in Audiology

CSD 4416
Audiology Methods and Applications

Plus electives

Subtotal 16 or 17

Elective Courses:
Electives not on the list may be taken with Audiology Faculty approval.

BIOL 3358
Genetics

BIOL 4415L
Human Neurobiology Lab

BIOL 4453
Foundations in Neuroscience

BIOL 4460
Neuroscience

COUN 3300
Interpersonal Skills in Health Professions

CSD 3315
Clinical Processes Pediatric

CSD 3325
Speech Sound Development and Disorders

CSD 3330
Language Science

CSD 3335
Language Development and Disorders

CSD 4420
Clinical Processes Adult

CSD 4425
Speech Language Pathology Methods and Application

DHS 4401
Mindfulness in Health Science

DHS 4402
Survey of Aging Issues

DHS 4406
The Mindful Practitioner

DHS 4407
Experience in Human Anatomy

HPHY 3300
Medical Electronics

PHYS 1100
Essentials of Physics

PHYS 1111
General Physics

PHYS 1112
General Physics II

PSYC 3344
Adult Development and Aging

PSYC 4446
Cognitive Process

SPED 3330
The Exceptional Child

Pre-Speech Language Pathology Emphasis

Students choosing the Emphasis in Pre-Speech-Language Pathology must complete the degree requirements above and the Required Courses listed below.

Required Courses:

CSD 3315
Clinical Processes Pediatric

CSD 3325
Speech Sound Development and Disorders

CSD 3330
Language Science

CSD 3335
Language Development and Disorders

CSD 4420
Clinical Processes Adult

Subtotal 13

Recommended Course:

CSD 4425
Speech Language Pathology Methods and Application

Bachelor of Science in Sign Language Interpreting

The following courses are required in addition to an Associate Degree or equivalent in Sign Language Studies or related area:

Required Courses

CSD 3301
English Text Analysis

CSD 3302
Specialized Terminology in English for Interpreters

CSD 3331
Translation

CSD 3332
Consecutive Interpreting

CSD 3345
Ethics and Decision-Making for Interpreters

CSD 3346
Specialized Settings and Scenarios in Interpreting

CSD 3351
Linguistics of American Sign Language

CSD 3352
Depiction in American Sign Language

CSD 4401
Research and Interpreting

CSD 4431
Simultaneous Interpreting
Required Courses

<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tr>
<td>CSD 1151L</td>
<td>American Sign Language I Laboratory</td>
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<td>CSD 1152</td>
<td>American Sign Language II</td>
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<tr>
<td>CSD 1152L</td>
<td>American Sign Language II Laboratory</td>
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<tr>
<td>CSD 2205</td>
<td>Introduction to Professions in Communication Sciences</td>
<td>3</td>
</tr>
<tr>
<td>CSD 2256</td>
<td>Deaf Culture and Community (Satisfies General Education Objective 9)</td>
<td>3</td>
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Associate of Science in Sign Language Studies

The following courses are required in addition to the university’s General Education Requirements (http://coursecat.isu.edu/undergraduate/academicinformation/generaleducation):

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<tr>
<td>CSD 2205</td>
<td>Introduction to Professions in Communication Sciences</td>
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<tr>
<td>CSD 2249</td>
<td>Fingerspelling and Numbers</td>
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<td>CSD 2250</td>
<td>Introduction to the Interpreting Profession</td>
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<tr>
<td>CSD 2251</td>
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<td>CSD 2252L</td>
<td>American Sign Language IV Laboratory</td>
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<tr>
<td>CSD 2256</td>
<td>Deaf Culture and Community (Satisfies General Education Objective 9)</td>
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<tr>
<td>CSD 2258</td>
<td>Language Acquisition in American Sign Language</td>
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<tr>
<td>CSD 3341</td>
<td>Audiometry and Hearing Science</td>
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<tr>
<td>CSD 3351</td>
<td>Linguistics of American Sign Language</td>
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<tr>
<td>CSD 3352</td>
<td>Depiction in American Sign Language</td>
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<tr>
<td>CSD 4420</td>
<td>Clinical Processes Adult</td>
<td>2</td>
</tr>
<tr>
<td>SPED 3330</td>
<td>The Exceptional Child</td>
<td>3</td>
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</table>

Total Credits: 33

Minor in Sign Language Studies

Procedure: Interested students should contact the department to declare a minor and be assigned a minor advisor.

Required Courses

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<tr>
<td>CSD 1152L</td>
<td>American Sign Language II Laboratory</td>
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Courses

**CSD 1126 Deaf Studies: 2 semester hours.**
Survey of the field of Deaf studies, emphasizing Deafhood, the role of allies; oppression/discrimination and power/privilege; multiculturalism and diversity and cultural/cross-cultural dynamics. F, Su

**CSD 1151 American Sign Language I: 3 semester hours.**
In a visual-gestural environment, the basics of American Sign Language (ASL) are introduced without the presentation of English equivalents. Students learn about the Deaf community and Deaf culture along with culturally-appropriate uses of the eyes and facial expression, which are critical conversation skills. ASL questions, commands, and other simple sentence structures are introduced. May be repeated once to improve a grade for a maximum of 3 credits. COREQ: CSD 1151L. Partially satisfies Objective 4 of the General Education Requirements. F

**CSD 1151L American Sign Language I Laboratory: 1 semester hour.**
Assignments to apply principles from CSD 1151. COREQ: CSD 1151. F

**CSD 1152 American Sign Language II: 3 semester hours.**
In this second of four courses in ASL, students continue to expand receptive (listening) and expressive (signing) skills while being taught in ASL. Pluralization, spatial referencing, pronominalization and basic depiction/blending are introduced. Fluency is improved and students learn more about the Deaf community and culture. Partially satisfies Objective 4 of the General Education Requirements. PREREQ: CSD 1151, CSD 1151L, or permission of instructor. COREQ: CSD 1152L. S

**CSD 1152L American Sign Language II Laboratory: 1 semester hour.**
Assignments to apply principles from CSD 1152. PREREQ: CSD 1151 and CSD 1151L. COREQ: CSD 1152. S

**CSD 2205 Introduction to Professions in Communication Sciences: 3 semester hours.**
Survey of speech, hearing, and language disorders, including study of the development of speech. Observations, films and assigned readings serve as illustrations of the various communication problems. S
CSD 2210 Human Communication, Differences, and Disorders through Literature and Media: 3 semester hours.
The purpose of this course is to foster knowledge of the importance of communication, and an awareness and acceptance of differences and disorders of communication. Students will explore communication differences and disorders as they are portrayed in media and literature, to consider the influence on public perception of communication differences/disorders. In completing the course, students will be better prepared to lead within a diverse culture of citizens. Satisfies Objective 9 of the General Education Requirements. F

CSD 2249 Fingerspelling and Numbers: 3 semester hours.
Application of techniques to receptive and expressive fingerspelling skills. Emphasis on whole-word and phrase recognition and on reading fingerspelling and numbers embedded in signed sentences. Multiple ASL number systems will be covered in this course along with self-care and needs of various consumers when fingerspelling. PREREQ: Permission of instructor. S

CSD 2250 Introduction to the Interpreting Profession: 3 semester hours.
Overview of the sign language interpreting profession, including: the impact of communication on the interpreting process; importance of diversity and respect in communities; self-care for interpreters; interpreting protocols; best practices and other major elements of the profession. In-depth examination of interpreter roles, functions and responsibilities. PREREQ: CSD 1151 and permission of instructor. F

CSD 2251 American Sign Language III: 4 semester hours.
Students are introduced to linguistic principles of ASL and a transcription system for recording and preparing dialogues and texts. Emphasis is on student-generated conversations. COREQ: CSD 2251L. PREREQ: CSD 1152, CSD 1152L, and Sign Language Studies major or permission of instructor. F

CSD 2251L. American Sign Language III Laboratory: 0 semester hours.
Assignments to apply principles from CSD 2251. F

CSD 2252 American Sign Language IV: 4 semester hours.
Linguistic features of ASL are expanded, including inflection, spatialization, movement, redundancy, and use of facial expression and body posture. Emphasizes vocabulary development. COREQ: CSD 2252L. PREREQ: CSD 2251, CSD 2251L, and Sign Language major or permission of instructor. S

CSD 2252L. American Sign Language IV Laboratory: 0 semester hours.
Assignments to apply principles from CSD 2252. S

CSD 2256 Deaf Culture and Community: 3 semester hours.
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 Deaf culture as a world-wide experience and contrasts it with American Deaf culture. Fulfills Objective 9 of the General Education Requirements. PREREQ: CSD 1151 and CSD 1151L. F

CSD 2258 Language Acquisition in American Sign Language: 3 semester hours.
Focuses on theories on language acquisition and language development through American Sign Language. Issues of language deprivation and language equality are surveyed. PREREQ: CSD 1151 and CSD 1151L. S

CSD 3301 English Text Analysis: 3 semester hours.
A variety of English source texts are considered, including texts relevant to interpreting to improve English comprehension and expression. Ways to render culturally equivalent, accurate and linguistically equivalent interpretations of texts are explored. PREREQ: Acceptance into the Sign Language Interpreting Program or permission of instructor. F

CSD 3302 Specialized Terminology in English for Interpreters: 3 semester hours.
Students will learn specialized English terminology used in specific settings, i.e., medical, legal, academic, and legislative. Emphasis is on comprehension and application to the interpreting process. PREREQ: CSD 3301 with a B- or better or permission of instructor. S

CSD 3310 Speech Science: The Acoustical Nature of Sound and Speech: 3 semester hours.
Introduction to the nature and acoustical properties of sound and speech: 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. F, D

CSD 3315 Clinical Processes Pediatric: 2 semester hours.
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. S

CSD 3320 English Text Analysis: 3 semester hours.
A variety of English source texts are considered, including texts relevant to interpreting to improve English comprehension and expression. Ways to render culturally equivalent, accurate and linguistically equivalent interpretations of texts are explored. PREREQ: Acceptance into the Sign Language Interpreting Program or permission of instructor. F

CSD 3321 Clinical Phonetics and Phonology: 3 semester hours.
Basic concepts in applied phonetics and phonology, emphasizing applications in communication disorders and differences. Introduction to International Phonetic Alphabet. COREQ: CSD 3321L. F

CSD 3321L. Clinical Phonetics and Phonology Lab: 1 semester hour.
Required laboratory portion of CSD 3321 for emphasis in pre-speech-language pathology. Not required for Pre-Audiology emphasis. Skill development in use of International Phonetic Alphabet. COREQ: CSD 3321. F

CSD 3325 Speech Sound Development and Disorders: 3 semester hours.
Introduction to childhood speech development and disorders. Basic clinical principles and procedures for diagnosis and treatment of disorders of speech sound production. PREREQ: CSD 3321 with a grade of 'C' or better or permission of instructor. S

CSD 3330 Language Science: 3 semester hours.
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. D

CSD 3331 Translation: 3 semester hours.
Translation theories and techniques for sight and frozen-text (e.g., video) sources are analyzed and applied in meaning transfer. Special attention to genre, register, culture and avoidance of source language interference. PREREQ: Admission to the Sign Language Interpreting program. F

CSD 3332 Consecutive Interpreting: 3 semester hours.
Practice in and application of consecutive interpreting techniques. Students will apply theory to consecutive interpreting and discuss the implications of this form of interpreting on interpreter roles, responsibilities and with a variety of consumers. Protocol and appropriate settings for this approach are reviewed in simulated interpreting scenarios. PREREQ: CSD 3331 with a B- or better or permission of instructor. S
CSD 3335 Language Development and Disorders: 3 semester hours.
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. S

CSD 3340 Communication Development and Disorders: Lifetime Perspective: 3 semester hours.
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. D

CSD 3341 Audiology and Hearing Science: 3 semester hours.
Introduction to basic hearing science, sound measurement, audimetry, tympanometry, hearing disorders, public school screening, and methods of aural rehabilitation. Review of role of audiology in human services. S

CSD 3345 Ethics and Decision-Making for Interpreters: 3 semester hours.
Students engage in exploration of their current ethical framework, learn important ethical codes for interpreters and apply these to the essential dispositions for interpreters. Students learn the elements of the Demand-Control Schema framework and how it can be employed to aid in decision-making. PREREQ: Admission to the Sign Language Interpreting program. F

CSD 3346 Specialized Settings and Scenarios in Interpreting: 3 semester hours.
An introduction to interpreting techniques specific to specialized settings (e.g., working with DeafBlind consumers, healthcare, performing arts and educational settings) are discussed along with ASL techniques for accurate interpreting of espository pieces, poetry and other genres. PREREQ: Permission of instructor. S

CSD 3350 Anatomy & Physiology of the Speech and Swallowing Mechanisms: 3 semester hours.
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. CO-REQ: CSD 3350L. S, D

CSD 3350L Anatomy & Physiology of the Speech and Swallowing Mechanisms Lab: 1 semester hour.
Required corequisite laboratory portion of CSD 3350 Anatomy & Physiology of the Speech and Swallowing Mechanisms. CO-REQ: CSD 3350. S, D

CSD 3351 Linguistics of American Sign Language: 4 semester hours.
Introduction to linguistics and the application to American Sign Language. Topics covered include: phonology, morphology, syntax, and semantics of ASL. Advanced comprehension and expression of ASL addressed in presentations and sessions with language mentors. PREREQ: CSD 2252 or permission of instructor. F

CSD 3352 Depiction in American Sign Language: 3 semester hours.
Advanced ASL students learn the elements of depiction, blending and constructed dialogue/action in ASL and how these elements are used as visual representations of aspects of an entity, event, or abstract concept. PREREQ: CSD 3351 with a B- or better or permission of instructor. S

CSD 4401 Research and Interpreting: 3 semester hours.
Students will read, understand, and critically evaluate research on interpreting. Students are given the opportunity to present research conducted by other researchers and original research. After completion of this class, students will appreciate the link between interpretation research and the practice of interpreting as well as the value of research. PREREQ: CSD 3321 with a B- or better or permission of instructor. F

CSD 4405 Neuroscience for Communication Disorders: 3 semester hours.
Fundamentals of neuroanatomy and physiology related to speech, language, and hearing. Introduction to communication disorders related to neurological damage. F

CSD 4411 Clinical Practicum in Audiology: 1-2 semester hours.
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, F, S

CSD 4416 Audiology Methods and Applications: 1 semester hour.
Introductory training and experience in audologic clinical procedures. PREREQ: Completion of CSD 3341 and permission of instructor. F

CSD 4417 Interdisciplinary Evaluation Team: 1 semester hour.

CSD 4420 Clinical Processes Adult: 2 semester hours.
Assessment and treatment principles, methods and procedures in speech language pathology with focus on the adult population. PREREQ: CSD 3315, F, Su

CSD 4425 Speech Language Pathology Methods and Application: 2 semester hours.
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. S

CSD 4431 Simultaneous Interpreting: 3 semester hours.
Approaches to and practice in simultaneous interpreting are employed. Strategies for information chunking and management, effort management, processing time and message equivalences are explored. SI is applied in simulated interpreting scenarios. PREREQ: CSD 3331 with a B- or better or permission of instructor. F

CSD 4432 Senior Seminar in Interpreting: 6 semester hours.
Intensive interpreting practice during in-class and simulated interpreting scenarios. Application of mechanics and theory of: team interpreting; interpreting protocols in different environments; working in deaf/hearing teams; and the impact of ethical codes on interpreting decisions. PREREQ: CSD 4431 with a B- or better or permission of instructor. F

CSD 4440 Special Topics Workshop: 1-3 semester hours.
Presentation of professionally related topics in workshop format. Meets for a minimum of 16 contact hours per credit with appropriate outside assignments, readings, or papers. May be repeated for up to 6 credits. Graded S/U. D

CSD 4441 Professional Interpreting Practice and Relationships: 3 semester hours.
Practice and application of ethical guidelines and standards of conduct expected of a professional interpreter. Discusses theoretical issues involved in interpreting as a profession. Business practices and relationships are addressed. PREREQ: CSD 3345 with a B- or better or permission of instructor. S

CSD 4445 Aural Rehabilitation: 3 semester hours.
Aural rehabilitation of the hearing impaired. Consideration of amplification, speech reading, auditory training, and other aspects of the process. PREREQ: CSD 3341 or permission of instructor. S

CSD 4451 Advanced Discourse in American Sign Language: 3 semester hours.
 Builds a strong foundation in discourse analysis through the use of materials developed by native users of ASL. Students will examine meaning and intent in the source language and replicate discourse found in specific genres and registers while learning advanced vocabulary. PREREQ: CSD 3351 with a B- or better and CSD 3352 with a B- or better or permission of instructor. F
CSD 4457 Interpreting in Community Settings: 3 semester hours.
In this survey of community settings, students learn the history of community
interpreting, techniques specific to community settings and application of
ethical codes to community settings. PREREQ: Admission to the Sign Language
Interpreting program and permission of instructor. D

CSD 4458 Introduction to Interpreting in Healthcare Settings: 3 semester
hours.
Principles of accurate interpretation in medical environments, healthcare
systems, application of Demand-Control Schema to healthcare settings and
ASL healthcare vocabulary are taught in this basic medical interpreting course.
Students will examine their readiness and suitability for interpreting in healthcare
settings. PREREQ: Admission to Sign Language Interpreter program and
permission of instructor. D

CSD 4460 Educational Audiology: 3 semester hours.
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.
S, Su

CSD 4470 Field Observation and Theoretical Application of Interpreting: 2
semester hours.
Utilizing a generalist skill base, students will observe professional interpreters
providing service; simulate provision of interpreting services in authentic settings
and participate at events designed for professional development of interpreters.
Analysis of scenarios will be conducted employing a demand-control schema
framework. May be repeated for up to 8 credits. PREREQ: Permission of advisor.
F, S

CSD 4474 Interpreting Internship: 4-8 semester hours.
To graduate from the sign language interpreting program, students must
successfully complete an internship where they are placed with a mentor
interpreter for at least 300 hours of documented preparation for, observation of,
and actual interpreting under supervision. Students participate in weekly online
discussions regarding the application of concepts they have learned during the
program and are evaluated by their site supervisors/mentor interpreters. May be
repeated for a maximum of 8 credits. PREREQ: Permission of advisor. S

CSD 4480 Genetics for Health Care Professionals: 2 semester hours.
An in-depth, interdisciplinary review of the impact of genetics on patients and
patient care and the biological, social, ethical and legal issues surrounding
genetics and genomics. Equivalent to NURS 4480 and DHS 4480. Su

CSD 4482 Independent Study: 1-4 semester hours.
Study of problems selected by students and faculty. May be repeated for up to 8
credits. D

CSD 4491 Seminar: 1-4 semester hours.
Reading, preparation, and discussion of reports and projects in all areas of speech
and hearing science, speech pathology, and audiology. May be repeated for up to
12 credits. D