COMMUNICATION SCIENCES AND DISORDERS (CSD)

CSD 101 American Sign Language I (3 crs)
- No credit if taken after CDIS 495/CDIS 695, American Sign Language I.

Introduction to American Sign Language (ASL), a visual/gestural language used by the deaf community. Aspects of deaf culture are covered.

Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CSD 102 American Sign Language II (3 crs)
Prerequisite: CSD 101
- No credit if taken after CDIS 495/CDIS 695, American Sign Language II.

A continuation of American Sign Language I. Introduces students to new functions that expand their conversational range from talking about themselves to talking about other people and activities. Aspects of deaf culture are covered.

Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CSD 103 American Sign Language III (3 crs)
Prerequisite: CSD 102
- No credit if taken after CDIS 495/CDIS 695, American Sign Language III.

A continuation of American Sign Language II. Further expansion of students' conversational range for talking about other people and activities. Aspects of deaf culture are covered.

Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CSD 150 Introduction to Communication Sciences and Disorders (3 crs)

Survey of basic human communication sciences and disorders, plus related professions. Development and characteristics of normal communication behavior; nature, causes, signs, symptoms, and interventions for communication disorders of speech, hearing, and language.

Attributes: GE V University Wide, LE-K2 Social Sciences, LE-R3 Civic and Environmental Issues, Special Course Fee Required Varies by Term/Section
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CSD 201 American Sign Language IV (3 crs)
Prerequisite: CSD 101, CSD 102, and CSD 103.

Continuation of American Sign Language III with more complex grammar, dialogue, and narrative including advanced receptive and expressive skills. Aspects of semantics, literature and culture.

Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CSD 210 Cultural Perspectives of the Deaf (3 crs)

Introduction to the American Deaf Culture. The Deaf community as a linguistic/cultural minority. Historical influences of and effects on Deaf in political activism, laws, information access, educational philosophies, communication systems and others.

Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CSD 235 Undergraduate Research in Communication Sciences and Disorders (2 crs)
Prerequisite: Completion of University Writing Requirement. Limited to Communication Science and Disorders (CSD) majors.

This course explores the scientific method as it applies to social science research. Topics include ethics, evidence-based practice, literature searches, developing hypotheses and research questions, and research designs. Students will also be summarizing and evaluating research in the field of Communication Disorders.

Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

CSD 256 Anatomy and Physiology of Speech and Hearing (4 crs)
Prerequisite: Minimum sophomore standing.

Anatomy and physiology of the speech mechanism (respiration, phonation, resonation, articulation) and of hearing, including the related neurology.

Attributes: Special Course Fee Required Varies by Term/Section
Lecture/Discussion Hours: 4
Lab/Studio Hours: 0

CSD 257 Normal Communication Development (3 crs)
Prerequisite: Minimum of 12 earned prior credits.

Theoretical foundation for normal communication development, including prerequisites, extra-linguistic variables, processes/constraints, and the major language system components. Language variables presented by select populations and a profile perspective are presented.

Attributes: Special Course Fee Required Varies by Term/Section
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
CSD 262 Phonetics: Theory and Application (2 crs)
Prerequisite: Minimum of 12 earned prior credits.
Study of the phonological system of language. Emphasis on phonemic and phonetic analysis and transcription of standard, nonstandard, and deviant speech.
Attributes: Special Course Fee Required Varies by Term/Section
Lecture/Discussion Hours: 1
Lab/Studio Hours: 2

CSD 301 American Sign Language Semantics (3 crs)
Prerequisite: CSD 101, CSD 102, CSD 103, and CSD 201.
Analysis of ASL through the linguistic principle of Semantics, with a primary focus on colloquial sign. An approach to understanding the meaning in ASL communication, the process of ASL interpretation, and improving expressive abilities in ASL. All content and communication conducted using ASL.
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CSD 302 American Sign Language Linguistics (3 crs)
Prerequisite: CSD 101, CSD 102, CSD 103, and CSD 201.
Syntax, grammatical rules beyond basic ASL. Introductory concepts and terminology of linguistics. ASL sociolinguistics: variation, historical linguistics, bilingualism and language contact. Relevant for students interested in studying elsewhere in the future for interpreter certification.
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CSD 311 Language Development and Disorders: Related Disciplines (3 crs)
Prerequisite: SPED 205
No credit for communication sciences and disorders majors.
Biological, cognitive, perceptual, and social bases of language development. Developmental skills and processes related to components of the language system. Language interaction with learning and teaching including identification of deficits and language enhancing strategies.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CSD 321 Aural Rehabilitation (3 crs)
Prerequisite: No credit if taken after CDIS 376/CDIS 576. Minimum resident and total GPA of 2.50.
• CSD 373 is recommended prior to enrollment in this course.
Effects of hearing loss on perceptual, cognitive, communicative, educational, occupational, social, and emotional aspects of life, for all age ranges, are studied. Common intervention techniques associated with hearing loss are presented.
Attributes: Undergraduate/Graduate Offering, Special Course Fee Required Varies by Term/Section
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CSD 326 Voice and Resonance Disorders (3 crs)
Prerequisite: CSD 256 and CSD 353. Minimum resident and total GPA of 2.50.
Normal aspects of respiration, phonation, and resonance. Causes and characteristics of various voice and resonance disorders. Introduction to the prevention, evaluation, and treatment of voice and resonance disorders. Introduction to speech/voice instrumentation.
Attributes: Undergraduate/Graduate Offering, Special Course Fee Required Varies by Term/Section
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CSD 331 Child Language Disorders (4 crs)
Prerequisite: CSD 257
Characteristics of language disorders in children from birth through adolescence as well as assessment and intervention strategies appropriate for that population.
Attributes: Special Course Fee Required Varies by Term/Section
Lecture/Discussion Hours: 4
Lab/Studio Hours: 0

CSD 352 Fluency Disorders (3 crs)
Prerequisite: Minimum resident and total GPA of 2.50.
The nature and theories of stuttering and other fluency disorders. Clinical intervention for people who stutter and understanding how theories can be clinically useful.
Attributes: Undergraduate/Graduate Offering, Special Course Fee Required Varies by Term/Section
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
CSD 353 Speech and Hearing Science (3 crs)
Prerequisite: No credit if taken after CDIS 253. Minimum sophomore standing.
This course will introduce students to basic acoustics, psychoacoustics, and
acoustics of voice and speech production. Lecture, discussion and labs will be
used in instruction.
Attributes: Special Course Fee Required Varies by Term/Section
Lecture/Discussion Hours: 3
Lab/Studio Hours: 1

CSD 358 Phonological Disorders (3 crs)
Prerequisite: CSD 257 and CSD 262. Minimum resident and total GPA of 2.50.
This course addresses the nature, assessment, and treatment of phonological
disorders in children and dialect variations of phonology in adults.
Attributes: Undergraduate/Graduate Offering, Special Course Fee Required
Varies by Term/Section
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CSD 370 Clinical Procedures in Communication Disorders (3 crs)
Prerequisite: CSD 331 or CSD 358. Minimum CSD GPA of 3.50. Minimum total
GPA of 3.00.
Consent: Department Consent Required
Basic information and skills necessary for functioning in clinical situations.
Topics include: preparation of goals and objectives, report writing, counseling,
clinical equipment and materials, professional organizations and behavior, and
observation. Twenty-five clinical observation hours accrued.
Attributes: Special Course Fee Required, Special Course Fee Required Varies by
Term/Section
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CSD 373 Basic Audiology (3 crs)
Prerequisite: Minimum resident and total GPA of 2.50.
- CSD 256 and CSD 353 are recommended prior to enrollment in this course.
Introduction to audiology, including anatomy and physiology, pathologies of
hearing, basic evaluation, differential evaluation, physiological procedures,
nonorganic hearing loss, pediatric evaluation, hearing conservation, and
rehabilitation. Emphasis upon pure tone thresholds, speech audiometry, and
masking.
Attributes: Special Course Fee Required Varies by Term/Section
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CSD 378 Introduction to Sign Language (3 crs)
- Open to all undergraduate students.
An introduction to various systems of manual communication with a strong
emphasis on developing beginning skills in Signing Exact English and
fingerspelling.
Attributes: Undergraduate/Graduate Offering, Special Course Fee Required
Varies by Term/Section
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CSD 399 Independent Study - Juniors (1-3 crs)
Prerequisite: Minimum junior standing.
Consent: Department Consent Required
Individual project under the direction of a faculty member.
Repeat: Course may be repeated

CSD 410 Communication Changes and Disorders of the Older Adult (3 crs)
Prerequisite: Minimum junior standing.
- Open to all undergraduate students.
Normal aging and its effects on speech, voice, oral motor skills, language, and
hearing. Overview of the nature and treatment of communication disorders of
the older adult. Physiological, psychological, and sociological aspects will be
considered.
Attributes: GE V University Wide, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CSD 411 Facilitating Communication in Preschool Children (2 crs)
Prerequisite: CSD 257 or equivalent course is required prior to enrollment in
this course.
- Open to all undergraduate students.
Foundations for the evaluation of preschool children, program planning, and
program implementation in early childhood/special needs classrooms. Focus
includes contexts for communication, content and sequence of communication
programs, and techniques for facilitating communication.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

CSD 415 Instructional Internship in Communication Disorders (1-3 crs)
Prerequisite: 3.00 GPA or higher in CSD coursework. Limited to CSD majors.
Consent: Department Consent Required
Selected student develops professional skills by providing assistance to faculty
member, enhancing teaching and learning of students in a course. Plan based
on student-faculty contract. Three hours of participation per week per credit.
Attributes: Internship
Repeat: Course may be repeated for a maximum of 6 credits
CSD 419 Assistive Technology and Augmentative and Alternative Communication (2 crs)
Prerequisite: CSD 257 or CSD 311/CSD 511.

Augmentative and alternative communication, plus assistive technologies for adapted play, environmental control, mobility, and work site modifications are explored across disabilities and lifespan. Current research, public policy issues, and effective clinical practices will be emphasized.

Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

CSD 435 Research Seminar in Communication Sciences and Disorders (2 crs)
Prerequisite: Grade of B or above in MATH 246 or PSYC 265. Minimum total GPA of 3.5. Minimum junior standing.

• Required course for students enrolled in CSD Department Honors Program. CSD Department Honors students must register for this course as an Honors Contract.

An advanced-level research seminar to explore the scientific method as it applies to clinical, educational, and social science research. Topics include evidence-based practice, literature searches, developing scientific questions and hypotheses, and evaluating research.

Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

CSD 440 Neurological Aspects of Communication (2 crs)
Prerequisite: CSD 256. Minimum 2.50 resident and total GPA. Minimum senior standing.

Neuroanatomical and neurophysiological bases of communication with an emphasis on normal aspects.

Attributes: Undergraduate/Graduate Offering, Special Course Fee Required Varies by Term/Section
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

CSD 448 Aphasia and Related Disorders (2 crs)
Prerequisite: CSD 440/CSD 640

Differential diagnosis and treatment of the aphasias and related language disorders.

Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

CSD 470 Clinical Practicum in Communication Disorders I (2 crs)
Prerequisite: CSD 370; and CSD 331 or CSD 358. Minimum CSD GPA of 3.50. Minimum resident and total GPA of 3.00.

Consent: Department Consent Required

Capstone course in treatment of speech and language disorders. With supervisory guidance, students earn hours conducting assessment and treatment activities in the Center for Communication Disorders.

Attributes: LE-I1 Integration, LE-S3 Creativity, Service-Learning, Full 30 Hours, Undergraduate/Graduate Offering, Capstone Course
Repeat: Course may be repeated for a maximum of 4 credits
Lecture/Discussion Hours: 1
Lab/Studio Hours: 2

CSD 473 Applications in Audiology (2 crs)
Prerequisite: CSD 373

• No credit if taken after CDIS 495/CDIS 695 (Fall 2002) as Audiology Practices.

Practical application of audiology practices for Speech Language Pathology and Audiology students are presented. There is a special emphasis on screening for hearing loss, middle ear disorder screening, auditory processing disorder, auditory training, and amplification.

Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

CSD 485 Serving Diverse Populations (2 crs)
Prerequisite: CSD 370 or concurrent enrollment.

This course will heighten students' awareness of issues in diversity and will also introduce students to knowledge and skills relevant to serving diverse populations across diversity dimensions, lifespan, and service settings.

Attributes: Cultural Diversity 2 cr., Undergraduate/Graduate Offering
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

CSD 495 Directed Studies (1-3 crs)
Consent: Department Consent Required

Permits groups of students to study topics of mutual interest in the field of communication disorders.

Attributes: Undergraduate/Graduate Offering, Special Course Fee Required Varies by Term/Section
Repeat: Course may be repeated

CSD 499 Independent Study - Seniors (1-3 crs)
Prerequisite: Minimum senior standing.

Consent: Department Consent Required

Individual project under the direction of a faculty member.

Repeat: Course may be repeated
CSD 511 Language Development and Disorders: Related Disciplines (3 crs)
- Cross-listed with CSD 311. Credit may not be earned in both courses. No credit for communication sciences and disorders majors.

Biological, cognitive, perceptual, and social bases of language development. Developmental skills and processes related to components of the language system. Language interaction with learning and teaching including identification of deficits and language enhancing strategies.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CSD 521 Aural Rehabilitation (3 crs)
Prerequisite: No credit if taken after CDIS 376/CDIS 576.
- Cross-listed with CSD 321. Credit may not be earned in both courses. No credit if taken after CDIS 376/CDIS 576. CSD 373 or a basic audiology course is recommended prior to enrollment in this course.

Effects of hearing loss on perceptual, cognitive, communicative, educational, occupational, social, and emotional aspects of life, for all age ranges, are studied. Common intervention techniques associated with hearing loss are presented.

Attributes: Special Course Fee Required Varies by Term/Section
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CSD 526 Voice and Resonance Disorders (3 crs)
- Cross-listed with CSD 326. Credit may not be earned in both courses. CSD 256 and CSD 353 or equivalent courses are required prior to enrollment in this course.

Normal aspects of respiration, phonation, and resonance. Causes and characteristics of various voice and resonance disorders. Introduction to the prevention, evaluation, and treatment of voice and resonance disorders. Introduction to speech voice instrumentation.

Attributes: Special Course Fee Required Varies by Term/Section
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CSD 552 Fluency Disorders (3 crs)
- Cross-listed with CSD 352. Credit may not be earned in both courses.

The nature and theories of stuttering and other fluency disorders. Clinical intervention for people who stutter and understanding how theories can be clinically useful.

Attributes: Special Course Fee Required Varies by Term/Section
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CSD 558 Phonological Disorders (3 crs)
- Cross-listed with CSD 358. Credit may not be earned in both courses. CSD 257 and CSD 262 or equivalent courses are required prior to enrollment in this course.

This course addresses the nature, assessment, and treatment of phonological disorders in children and dialect variations of phonology in adults.

Attributes: Special Course Fee Required Varies by Term/Section
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CSD 578 Introduction to Sign Language (3 crs)
- Open to all students. Cross-listed with CSD 378. Credit may not be earned in both courses.

An introduction to various systems of manual communication with a strong emphasis on developing beginning skills in Signing Exact English and fingerspelling.

Attributes: Special Course Fee Required Varies by Term/Section
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CSD 610 Communication Changes and Disorders of the Older Adult (3 crs)
- Open to all students. Cross-listed with CSD 410. Credit may not be earned in both courses.

Normal aging and its effects on speech, voice, oral motor skills, language, and hearing. Overview of the nature and treatment of communication disorders of the older adult. Physiological, psychological, and sociological aspects will be considered.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CSD 611 Facilitating Communication in Preschool Children (2 crs)
Prerequisite: CSD 257 or equivalent course is required prior to enrollment in this course.
- Cross-listed with CSD 411. Credit may not be earned in both courses.

Foundations for the evaluation of preschool children, program planning, and program implementation in early childhood/special needs classrooms. Focus includes contexts for communication, content and sequence of communication programs, and techniques for facilitating communication.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0
CSD 619 Assistive Technology and Augmentative and Alternative Communication (2 crs)
- Cross-listed with CSD 419. Credit may not be earned in both courses. CSD 257 or CSD 311/CSD 511 or equivalent course is required prior to enrollment in this course. No credit for communication sciences and disorders comprehensive majors.

Augmentative and alternative communication, plus assistive technologies for adapted play, environmental control, mobility, and work site modifications are explored across disabilities and lifespan. Current research, public policy issues, and effective clinical practices will be emphasized.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

CSD 640 Neurological Aspects of Communication (2 crs)
- Cross-listed with CSD 440. Credit may not be earned in both courses. CSD 256 or equivalent course is required prior to enrollment in this course.

Neuroanatomical and neurophysiological bases of communication with an emphasis on normal aspects.

Attributes: Special Course Fee Required Varies by Term/Section
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

CSD 648 Aphasia and Related Disorders (2 crs)
- Cross-listed with CSD 448. Credit may not be earned in both courses. CSD 440/CSD 660 or equivalent course is required prior to enrollment in this course.

Differential diagnosis and treatment of the aphasias and related language disorders.

Attributes: CSD MS Online Flat Rate Tuition, Special Course Fee Required Varies by Term/Section
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

CSD 670 Clinical Practicum in Communication Disorders I (2 crs)
Prerequisite: CSD 370 and CSD 331 or CSD 358.
Consent: Department Consent Required
- Cross-listed with CSD 470.

Capstone course in treatment of speech and language disorders. With supervisory guidance, students earn hours conducting assessment and treatment activities in the Center for Communication Disorders.

Repeat: Course may be repeated for a maximum of 4 credits
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 1
Lab/Studio Hours: 2

CSD 673 Applications in Audiology (2 crs)
- Cross-listed with CSD 473. Credit may not be earned in both courses. CSD 373 or equivalent course is required prior to enrollment in this course.

Practical application of audiology practices for Speech Language Pathology and Audiology students are presented. There is a special emphasis on screening for hearing loss, middle ear disorder screening, auditory processing disorder, auditory training, and amplification.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

CSD 685 Serving Diverse Populations (2 crs)
Prerequisite: CSD 370 or concurrent enrollment
- Cross-listed with CSD 485. Credit may not be earned in both courses. CSD 370 or equivalent course is required prior to enrollment in this course.

This course will heighten students’ awareness of issues in diversity and will also introduce students to knowledge and skills relevant to serving diverse populations across diversity dimensions, lifespan, and service settings.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

CSD 695 Directed Studies (1-3 crs)
Consent: Department Consent Required
- Cross-listed with CSD 495.

Permits groups of students to study topics of mutual interest in the field of communication disorders.

Attributes: Special Course Fee Required Varies by Term/Section
Repeat: Course may be repeated
Grading Basis: No S/U Grade Option

CSD 706 Language Assessment (3 crs)
Prerequisite: Limited to students admitted to the Communication Sciences and Disorders (CSD) graduate program or consent of instructor.

Assessment of language disorders: differences and delay addressed through representative case studies, contributing and perpetuating factors, test selection, test biases, hypothesis formulation, data interpretation, legal guidelines, and information dissemination explored.

Attributes: CSD MS Online Flat Rate Tuition, Special Course Fee Required Varies by Term/Section
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
<table>
<thead>
<tr>
<th>CSD 710 Clinical Methods in Communication Sciences and Disorders (3 crs)</th>
<th>CSD 722 Seminar: Accent Addition (1 cr)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite: Limited to CSD online graduate students.</td>
<td>Prerequisite: CSD 262, CSD 331, and CSD 358 or equivalent courses. No credit if taken after CSD 732. Limited to CSD ONLINE program graduate students.</td>
</tr>
<tr>
<td>• Criminal background check and one week of face-to-face, in person, clinical lab required.</td>
<td>Addresses characteristics, assessment, intervention and issues related to accent modification/addition with non-native English speakers.</td>
</tr>
</tbody>
</table>

Learn and practice clinical methods in communication sciences and disorders including: technology for diagnostics and treatment, compliance and reflection activities, operating within a medical setting, and collaborating across the discipline.

Attributes: CSD MS Online Flat Rate Tuition, Special Course Fee Required, Special Course Fee Required Varies by Term/Section
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 1

<table>
<thead>
<tr>
<th>CSD 715 Research in Communication Sciences and Disorders (2 crs)</th>
<th>CSD 725 Counseling in Communication Disorders (2 crs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite: Limited to students admitted to the Communication Sciences and Disorders (CSD) graduate program or consent of instructor.</td>
<td>Prerequisite: Limited to students admitted to the Communication Sciences and Disorders (CSD) graduate program or consent of instructor.</td>
</tr>
</tbody>
</table>

Application of information about research procedures to the profession of communication disorders. Preparation of students to function as consumers and producers of research.

Attributes: CSD MS Online Flat Rate Tuition
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

<table>
<thead>
<tr>
<th>CSD 716 Essential Applications for Graduate Studies in Communication Sciences and Disorders (1 cr)</th>
<th>CSD 726 Organic Voice and Speech Disorders (3 crs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite: Limited to students admitted to the Communication Sciences and Disorders (CSD) graduate program or consent of instructor.</td>
<td>Prerequisite: Limited to students admitted to the Communication Sciences and Disorders (CSD) graduate program or consent of instructor.</td>
</tr>
</tbody>
</table>

Learn about and participate in activities associated with critical applications related to the field of communication sciences and disorders including: technology, principles of measurement, ASHA Code of Ethics, and professionalism/clinical disposition.

Attributes: Special Course Fee Required
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 0
Lab/Studio Hours: 2

<table>
<thead>
<tr>
<th>CSD 721 Seminar: Childhood Apraxia of Speech (1 cr)</th>
<th>CSD 729 Augmentative and Alternative Communication and Assistive Technology for Speech-Language Pathologists (3 crs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite: CSD 358 or equivalent course. No credit if taken after CSD 732. Limited to CSD ONLINE program graduate students.</td>
<td>Prerequisite: Limited to students admitted to the Communication Sciences and Disorders (CSD) graduate program or consent of instructor.</td>
</tr>
<tr>
<td>Addresses characteristics, assessment, intervention and issues related to childhood apraxia of speech.</td>
<td>• CSD 326/CSD 526 or equivalent course is required prior to enrollment in this course.</td>
</tr>
</tbody>
</table>

Attributes: CSD MS Online Flat Rate Tuition, Special Course Fee Required Varies by Term/Section
Grading Basis: No S/U Grade Option
Lab/Studio Hours: 0

<table>
<thead>
<tr>
<th>CSD 722 Seminar: Accent Addition (1 cr)</th>
<th>CSD 725 Counseling in Communication Disorders (2 crs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite: CSD 262, CSD 331, and CSD 358 or equivalent courses. No credit if taken after CSD 732. Limited to CSD ONLINE program graduate students.</td>
<td>Prerequisite: Limited to students admitted to the Communication Sciences and Disorders (CSD) graduate program or consent of instructor.</td>
</tr>
</tbody>
</table>

The assessment, intervention, and management of individuals across the lifespan who require multi-modal communication systems.

Attributes: CSD MS Online Flat Rate Tuition
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
CSD 730 Seminar: Language Theories (2 crs)
Prerequisite: Limited to students admitted to the Communication Sciences and Disorders (CSD) graduate program or consent of instructor.

Major language and cognitive theories are examined as explanations of language acquisition and language use as well as clinical applications.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

CSD 731 Seminar: Child/Adolescent Language Intervention (3 crs)
Prerequisite: Limited to students admitted to the Communication Sciences and Disorders (CSD) graduate program or consent of instructor.

- CSD 257 and CSD 331 or equivalent courses are required prior to enrollment in this course.

Focuses on intervention strategies, service delivery models, and current issues in providing services for children and adolescents with developmental language disorders, including autism spectrum disorder.

Attributes: CSD MS Online Flat Rate Tuition, Special Course Fee Required, Special Course Fee Required Varies by Term/Section
Grading Basis: No S/U Grade Option
Seminar Hours: 3

CSD 732 Seminar: Child/Adult Speech Intervention (2 crs)
Prerequisite: Limited to students admitted to the Communication Sciences and Disorders (CSD) graduate program or consent of instructor.

- CSD 358 or equivalent course.

Primarily addresses characteristics and issues related to dialect and accent modification/addition with adult clients and childhood apraxia of speech with children.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

CSD 737 Dysphagia (2 crs)
Prerequisite: Limited to students admitted to the Communication Sciences and Disorders (CSD) graduate program or consent of instructor.

- CSD 440/CSD 640 or equivalent course is required prior to enrollment in this course.

Normal and abnormal anatomy and physiology of swallowing. Evaluation and treatment of swallowing disorders, with primary emphasis on the adult population. Discussion of issues in service delivery, treatment efficacy, and treatment ethics.

Attributes: CSD MS Online Flat Rate Tuition, Special Course Fee Required Varies by Term/Section
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

CSD 743 Supervision and Clinical Instruction in Communication Sciences and Disorders: The Basics (1 cr)
Prerequisite: No credit if taken after CSD 744.
Consent: Department Consent Required

A detailed study of the variables related to supervision and clinical instruction in speech-language pathology. Topics include models of supervision, issues related to dispositions and generational mindsets, as well as providing formative and summative feedback to practicum students.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0

CSD 744 Supervision and Clinical Instruction in Communication Sciences and Disorders: Advanced Issues (1 cr)
Prerequisite: CSD 743 or other intro supervision course.
Consent: Department Consent Required

A detailed study of the advanced variables related to supervision and clinical instruction in speech-language pathology. Topics include using technology and other tools for supervision and feedback, conflict resolution, multicultural issues, mentoring Clinical Year Fellowships, and self-assessment.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0

CSD 745 Topics in Speech-Language-Hearing (2 crs)
Prerequisite: Limited to students admitted to the Communication Sciences and Disorders (CSD) graduate program or consent of instructor.

Topics covered will be determined by selecting from current professional, clinical, and research domains in the field of communication disorders.

Repeat: Course may be repeated
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

CSD 746 Seminar in Language Disorders (2 crs)
Prerequisite: Limited to students admitted to the Communication Sciences and Disorders (CSD) graduate program or consent of instructor.

In-depth study of topics in language disorders. Topics will be selected from current professional, clinical, and research domains in the field of communication disorders (e.g., specific language impairment, language, and literacy).

Repeat: Course may be repeated for a maximum of 4 credits
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0
CSD 747 Seminar in Speech Disorders (2 crs)
Prerequisite: Limited to students admitted to the Communication Sciences and Disorders (CSD) graduate program or consent of instructor.

Topics will be selected from current professional, clinical, and research areas in speech disorders (e.g., stuttering or phonology/articulation).

Repeat: Course may be repeated for a maximum of 4 credits
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

CSD 748 Motor Speech Disorders (3 crs)
Prerequisite: Limited to students admitted to the Communication Sciences and Disorders (CSD) graduate program or consent of instructor.

• CSD 440/CSD 640 or equivalent course is required prior to enrollment in this course.


Attributes: CSD M5 Online Flat Rate Tuition
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CSD 749 Birth to 21 Methods in Communication Disorders (4 crs)
• CSD 770 or equivalent course is required prior to enrollment in this course.

Roles, responsibilities, legislation, historical perspectives, and current events related to school and non-school settings serving children. Discussion and practical application focused on methods specific to working with ages birth to 21 years with communication disorders.

Attributes: Special Course Fee Required
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 4
Lab/Studio Hours: 0

CSD 750 Rehabilitation Methods in Communication Disorders (2 crs)
• CSD 770 or equivalent course is required prior to enrollment in this course.

Issues related to the rehabilitation processes including the structure of institutions, interdisciplinary approaches, documentation, and professional issues.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

CSD 754 Acquired Cognitive-Communicative Disorders (3 crs)
Prerequisite: Limited to students admitted to the Communication Sciences and Disorders (CSD) graduate program or consent of instructor.

• CSD 440/CSD 640 or concurrent enrollment or equivalent course is required prior to enrollment in this course.

Nature of dementias, traumatic brain injury (TBI), and right hemisphere brain damage (RHBD). Principles and practices of assessment and intervention of cognitive-communication disorders in persons with dementia, TBI, or RHBD.

Attributes: CSD M5 Online Flat Rate Tuition
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CSD 769 Graduate Clinical Practicum (1 cr)
Consent: Department Consent Required

Supervised clinical experience for first and third semester graduate students.

Attributes: CSD M5 Online Flat Rate Tuition, Special Course Fee Required Varies by Term/Section
Repeat: Course may be repeated for a maximum of 4 credits
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0

CSD 770 Clinical Practicum in Communication Disorders II (2 crs)
Prerequisite: CSD 706 and CSD 769, or CSD 706 and instructor permission.
Consent: Department Consent Required

Supervised clinical experience with persons having communication disorders.

Attributes: CSD M5 Online Flat Rate Tuition
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0

CSD 771 Clinical Practicum in Communication Disorders III (3 crs)
Prerequisite: CSD 706 and CSD 769.
Consent: Department Consent Required

Supervised clinical experience with persons having communication disorders.

Attributes: CSD M5 Online Flat Rate Tuition, Special Course Fee Required Varies by Term/Section
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
CSD 774 Pediatric Dysphagia (1 cr)
Prerequisite: Limited to students admitted to the Communication Sciences and Disorders (CSD) graduate program or consent of instructor.
- CSD 440/CSD 640 or concurrent enrollment or equivalent course is required prior to enrollment in this course.


Attributes: CSD MS Online Flat Rate Tuition, Special Course Fee Required Varies by Term/Section
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0

CSD 780 Externship in Communication Disorders-Educational Settings (6 crs)
Prerequisite: CSD 749; grade of B or above in all enrollments in CSD 769, CSD 770 and CSD 771.
- Criminal background check may be required.

Professional clinical experience for nine weeks in a cooperating educational setting under the supervision of a state and nationally-certified speech-language pathologist, as well as appropriately-credentialed University personnel.

Attributes: Internship
Repeat: Course may be repeated for a maximum of 12 credits
Grading Basis: No S/U Grade Option

CSD 781 Externship in Communication Sciences and Disorders—Non-School Setting (6 crs)
Prerequisite: CSD 750; grade of B or above in all enrollments in CSD 769, CSD 770 and CSD 771.
- Criminal background check required.

Professional clinical experience for nine weeks in a cooperating hospital, residential treatment center, and/or rehabilitation agency under the supervision of a state and nationally-credentialed speech-language pathologist, as well as appropriately-credentialed University personnel.

Attributes: Internship, CSD MS Online Flat Rate Tuition, Special Course Fee Required Varies by Term/Section
Repeat: Course may be repeated for a maximum of 12 credits
Grading Basis: No S/U Grade Option

CSD 793 Seminar: Selected Topics (1-3 crs)
Consent: Instructor Consent Required

Permits groups of graduate students to study topics of mutual interest in the field of communication disorders.

Repeat: Course may be repeated
Grading Basis: No S/U Grade Option

CSD 797 Independent Study (1-3 crs)
Consent: Department Consent Required

Individual project under the direction of a faculty member.
Repeat: Course may be repeated
Grading Basis: No S/U Grade Option

CSD 799 Thesis (1-6 crs)
• Full-time equivalent.

A description of acceptable topics and the precise nature of the thesis requirement is provided in the departmental program descriptions.
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: PR Only Grade Basis