### COMM SCIENCES AND DISORDERS (CSD)

**CSD 150 Communication Disabilities in Film 3**
Popular films and their portrayal of individuals with various speech, language, or hearing problems; how that information promotes images that are positive and negative; and how those images influence public opinion.

**CSD 219 Communication Disorders Laboratory 1**
Supervised therapy for students with speech, voice, language, or hearing problems.

**Prerequisites:** Permission of instructor.

**Notes:** May be repeated for credit. Grade: Pass/Not Pass (P/NP).

**CSD 250 Concepts in Communication Sciences 3**
Concepts essential in understanding human communication; factors affecting life-long development and competency of speech, language and hearing.

**Notes:** For freshmen and sophomores.

**CSD 306 Introduction to Phonetics 3**
Recording of speech using the International Phonetic Alphabet in broad transcription. General American dialects and variations.

**Prerequisites:** Majors only, or by permission of instructor.

**Corequisites:** Must be taken concurrently with CSD 307, CSD 308, and CSD 309.

**Notes:** Not open to freshmen or sophomores.

**CSD 307 Speech and Hearing Science 3**
Acoustic principles of speech and hearing; analysis of the acoustic characteristics of speech and physiological correlates; speech perception.

**Prerequisites:** Majors only, or by permission of instructor.

**Corequisites:** Must be taken concurrently with CSD 306, CSD 308, and CSD 309.

**Notes:** Not open to freshmen or sophomores.

**CSD 308 Language and Speech Development 3**
Theory and evidence of the chronological development of phonology, syntax, semantics, and pragmatics in the child.

**Prerequisites:** Majors only, or by permission of instructor.

**Corequisites:** Must be taken concurrently with CSD 306, CSD 307, and CSD 309.

**Notes:** Not open to freshmen or sophomores.

**CSD 309 Anatomy and Physiology of the Speech and Hearing Mechanism 3**
Anatomical and physiological bases of human communication.

**Prerequisites:** Majors only, or by permission of instructor.

**Corequisites:** Must be taken concurrently with CSD 306, CSD 307, and CSD 308.

**Notes:** Not open to freshmen or sophomores.

**CSD 333 Independent Study 1-3**
Directed study and/or research under faculty supervision.

**Prerequisites:** Permission of the instructor.

**Notes:** May be repeated once for credit for a total of 6 s.h. Grade: Pass/Not Pass (P/NP).

**CSD 334 Introduction to Audiology 3**
Basic anatomy and physiology of the auditory system, fundamental hearing science, and methods and techniques of hearing measurement and interpretation for the assessment, diagnosis, evaluation, and rehabilitation of hearing disorders.

**Prerequisites:** Pr. or Coreq.: CSD 308, and either SES 240 or CSD 307. or permission of instructor;

**Notes:** Speech Pathology/Audiology and Professions in Deafness majors only.

**CSD 336 Speech Sound Disorders 3**
Assessment and treatment procedures of speech and sound disorders.

**Prerequisites:** CSD 306, CSD 307, CSD 308, and CSD 309. or permission of instructor.

**CSD 337 Language Disorders 3**
Nature, theory, measurement, and management of language problems across the life span.

**Prerequisites:** CSD 306, CSD 307, CSD 308, CSD 309.

**CSD 338 Voice and Fluency Disorders 3**
Basic theories and principles in the onset, development, and maintenance of stuttering and voice disorders in children and adults. Primary factors in prevention, measurement, assessment, and management.

**Prerequisites:** CSD 306, CSD 307, CSD 308, CSD 309.

**CSD 471 Honors Clinical Practice in Speech-Language Pathology 3**
CSD 471 offers supervised clinical experience in the treatment of communication disorders to select undergraduate students majoring in Speech Language Pathology and Audiology (SPAU).

**Notes:** CSD 334, CSD 336, and CSD 337. or permission of instructor;

**Notes:** Grade: Pass/Not Pass (P/NP).

**CSD 476 Structured Clinic Observations 1**
Guided clinical observations and experiences as a therapy assistant in the UNCG Speech and Hearing Center.

**Prerequisites:** CSD 334, CSD 336, and CSD 337. or permission of instructor;

**Notes:** Grade: Pass/Not Pass (P/NP).

**CSD 490 Senior Honors Project 3**
Independent original scholarship, completed under the supervision of a faculty member. Culminates in an original oral presentation, written document, or other creative work.

**Prerequisites:** Senior status and admission to the Lloyd International Honors College and the CSD Honors Program, or permission of the instructor. Notes: May be repeated once for credit.

**CSD 493 Honors Independent Study 3-6**
Directed study and/or research under faculty supervision.

**Prerequisites:** Senior status and admission to the Lloyd International Honors College and the CSD Honors Program, or permission of the instructor.

**Notes:** May be repeated once for credit.

**CSD 494 Honors Seminar in Communication Disorders 3**
Advance study of the nature and application of scholarship pertaining to different communication disorders in a forum that promotes collegiality and discussion.

**Prerequisites:** Acceptance into CSD Disciplinary Honors Program and permission of instructor.
CSD 495 Special Topics Seminar 1
Critical analysis of contemporary topics in Communication Sciences and Disorders.
Prerequisites: CSD 334, CSD 336, and CSD 337, or permission of instructor.
Notes: May be repeated for credit twice during the senior year of UNCG undergraduates. Second degree students may enroll twice during the year they are taking undergraduate courses.

CSD 550 Diagnostic Procedures: Inquiry, Observation and Measurement 3
Processes and techniques of data acquisition and analysis for the diagnosis, assessment, and evaluation of communication disorders.
Prerequisites: Completion of all CSD 300-level courses required for the major or permission of the instructor.

CSD 551 Speech and Language Disorders: Diagnostic Procedures 3
Differential diagnosis of speech, language, voice, and rhythm problems.
Prerequisites: permission of instructor.

CSD 552 Communication and Aging 3
Development of communication in old age; factors affecting development and competency; communication evidence and theories of aging; facilitation of life-long functional communication.
Prerequisites: CSD 308 or permission of instructor.

CSD 554 Advanced Speech Science 3
Acoustic theory and methods of analysis; acoustic structure of speech and its physiological correlates; application of acoustic information to clinical management of disorders of communication.
Prerequisites: CSD 306, CSD 307, CSD 308, CSD 309.

CSD 556 Aural Rehabilitation 3
Principles of aural rehabilitation with hearing impaired adults and their significant others.
Prerequisites: CSD 334.

CSD 557 Pediatric Aural Rehabilitation 3
Study of new technologies available for children with hearing impairment and the impact of these technologies on therapy and teaching.
Prerequisites: CSD 334 for undergraduates. permission of instructor for graduate students.

CSD 575 Instrumentation for Communication Disorders 3
Instrumentation commonly used in communication disorders; operation and measurement techniques for clinical and research applications.
Prerequisites: Permission of instructor.

CSD 587 Introduction to Adult Language Disorders 3
Assessment, treatment, and quality of life issues associated with acquired cognitive-linguistic disorders in adults will be addressed. The targeted disorders include aphasia, dementia, and traumatic brain injury.

CSD 588 Neurology of Speech, Language and Hearing 3
An overview of neuroanatomy and neurophysiology with a concentration on neurological mechanisms related to speech, language and hearing.
Prerequisites: CSD 309 or permission of instructor.

CSD 589A ExCr:Minor Ar Cln Audiology 1

CSD 600 Professional Issues and Ethics in Speech-Language Pathology 3
Issues related to the profession, service delivery, ethics, legal considerations, funding issues, program administration and credentialing. Content is in accordance with the American Speech-Language-Hearing Association Scope of Practice.
Prerequisites: Admission to appropriate degree program or permission of instructor.

CSD 601 Special Topics in Communication Sciences and Disorders 1-3
Topics in communication sciences and disorders.
Prerequisites: Admission to MA in speech-language pathology or permission of instructor.
Notes: May be repeated for credit when topic varies.

CSD 601A Sp Top in Child Sp/Lang Dev 3

CSD 602 Seminar in Speech Pathology: Organic Disorders 3
Study of organic disorders of communication.
Prerequisites: CSD 551 or equivalent and admission to appropriate degree program or permission of instructor.

CSD 603 Seminar in Voice Problems 3
Investigation of current literature and theories of vocal anomalies. Organic deviations.
Prerequisites: CSD 551 or equivalent and admission to appropriate degree program or permission of instructor.

CSD 604 Fluency Disorders 2
Assessment, diagnosis, and treatment of fluency disorders in children, adolescents, and adults.
Prerequisites: Admission to appropriate degree program or permission of instructor.

CSD 604A Pediatric Fluency Disorders 3

CSD 605 Seminar in Speech and Language Pathology 3
Studies dealing with specialized areas of communication disorders. Topic to be announced each semester course is offered.
Prerequisites: Graduate-level courses in appropriate content area and admission to appropriate degree program or permission of instructor.
Notes: May be repeated for credit when topic varies.

CSD 605A Augmented Communicatn Systems 3

CSD 605B Sem Communctn Problems Aging 3

CSD 605C Sem Com Severe Profound Hndcpd 3

CSD 605D Sem in Dysphagia 3

CSD 605E Sem:Adlsnt Lang Dev / Disrds 3

CSD 605F Sem:Rdg, Wtg Pnhlgc Dis Adol 3

CSD 605G Sem in Phonology 3

CSD 605H Lang Lit Disorders / Juv Del 3

CSD 605J Lang Lit Disorders / Juv Del 3

CSD 605K Spch Lang Path:Dysphagia 3

CSD 606 Cognitive-Linguistic Disorders in Adults 3
Assessment, diagnosis, and treatment of communication disorders resulting from stroke, dementia, and traumatic brain injury.
Prerequisites: Admission to appropriate degree program or permission of instructor.

CSD 608 Seminar in Cleft Palate 3
Investigation of current literature and theories in cleft palate. Speech and hearing aspects; controversial procedures in repair and rehabilitation.
Prerequisites: CSD 551, CSD 570 or equivalent and admission to appropriate degree program or permission of instructor.
CSD 609 Augmented Communication Systems 3
CSD 610A Seminar in Clinical Audiology 3
CSD 610B Seminar in Electrophys Measurement 3
CSD 610C Seminar in CI Aud/Adv Electrophyslogy 3
CSD 610D Seminar in Medical Audiology 3
CSD 610E Seminar in Cochlear Implants 3
CSD 610F Seminar in Central Auditory Processing 3
CSD 610G Seminar in Pediatric Audiology 3
CSD 610J Seminar in Hearing Conservation 3
CSD 610K Seminar in Emrgcl Gen Bs Hr Loss 3
CSD 612 Augmentative and Alternative Communication 1
Knowledge of augmentative and alternative communications and problem-solving in the design and application of appropriate AAC systems.
Prerequisites: Admission to appropriate degree program or permission of instructor.
CSD 613 Communication Problems in Aging 3
Nature, assessment, and management of communication disorders in the elderly.
Prerequisites: Permission of instructor.
CSD 614 Language Learning Disabilities 3
Assessment and treatment of spoken and written language learning disabilities in school-age children and adolescents with special emphasis on the collaborative role of the speech-language pathologist in school-based settings.
Prerequisites: Admission to appropriate degree program or permission of instructor.
CSD 615 Communication and Severe/Profound Disabilities 3
Nature, assessment, and management of communication disorders in persons of all ages who have severe/profound disabilities.
Prerequisites: Permission of instructor.
CSD 616 Motor Speech Disorders 3
Neurologic basis, assessment and treatment of dysarthria and apraxia.
Prerequisites: Admission to appropriate degree program or permission of instructor.
CSD 617 Language Disorders and Neurological Theory 3
Latest knowledge on the specialization of the two hemispheres and clinical syndromes/language disorders resulting from left and right hemisphere dysfunction.
Prerequisites: Admission to appropriate degree program or permission of instructor.
CSD 618 Counseling and Interviewing Skills in Communication Sciences and Disorders 1
Instruction and practice in counseling and interviewing skills during the assessment and treatment of speech, language, and hearing disorders.
Prerequisites: Admission to appropriate degree program or permission of instructor.
CSD 619 The Supervisory Process in Communication Sciences and Disorders 1
Study and practice of clinical supervision in speech-language pathology.
Theoretical models of supervision, pertinent research, and clinical practice.
Prerequisites: Admission to appropriate degree program or permission of instructor.
CSD 623 Seminar in Central Auditory Processing 3
Anatomy and physiology of the central auditory nervous system, methods and techniques of measurement and interpretation for the assessment, diagnosis, evaluation, and rehabilitation of individuals with central auditory processing disorders.
Prerequisites: Admission to appropriate degree program or permission of instructor.
CSD 627 Cultural and Linguistic Diversity in Communication Sciences and Disorders 1
Identification and treatment of speech and language differences in diverse populations.
Prerequisites: Admission to appropriate degree program or permission of instructor.
CSD 629 Dysphagia 3
Anatomical bases of normal and disordered swallowing in children and adults; evaluation and treatment of swallowing disorders.
Prerequisites: Admission to appropriate degree program or permission of instructor.
CSD 630 Fundamentals for Speech and Language Analysis 3
Basic linguistic structures that support oral and written English, including phonetics and phonology, morphology, orthography, semantics, and syntax.
Prerequisites: Admission to appropriate degree program or permission of instructor.
CSD 631 Structured Language Intervention for Language-Literacy Impairments 3
Certification course in the Language! TMCurriculum (Sopris West, Inc.), an intervention curriculum for individuals at risk for literacy problems.
Prerequisites: Admission to appropriate degree program or permission of instructor.
CSD 632 Introduction to Research in Communication Sciences and Disorders 3
Introduction to research procedures in the study of communication sciences and disorders.
Prerequisites: Admission to appropriate degree program or permission of instructor.
CSD 633 Special Projects in Communication Sciences and Disorders 3
Individual scholarly project developed by the student with faculty guidance.
Prerequisites: Admission to appropriate degree program or permission of instructor.
Notes: Grade: Satisfactory/Unsatisfactory (S/U).
CSD 634 Research Design in Communication Sciences and Disorders 2
Development of research proposal, from generation of hypothesis through data analysis and interpretation.
Prerequisites: Admission to appropriate degree program or permission of instructor.
CSD 635 Advanced Phonetic Transcription 1
Detailed transcription of normal and disordered speech using the International Phonetic Alphabet.
Prerequisites: Completion of an introductory phonetics course and admission to appropriate degree program or permission of instructor.
CSD 636 Prevention, Assessment, and Intervention of Communication Disorders: Birth-5 3
Communication development and disorders (speech, language, and hearing) in infants, toddlers, and preschoolers.
Prerequisites: Admission to appropriate degree program or permission of instructor.
CSD 637 Prevention, Assessment, and Intervention of Communication Disorders: School Age 3
Communication development and disorders in school age children and adolescents.
**Prerequisites:** Admission to appropriate degree program or permission of instructor.

CSD 638 Minor Area Clinical Practicum for Speech-Language Pathology Majors 1
Instruction for speech-language pathology majors in the minor area of hearing assessment. Provides training and supervised clinical experiences in hearing screenings.

CSD 639 Prevention, Assessment, and Intervention of Communication Disorders: Late Adolescence and Early Adul 3
Communication development and disorders (speech, language, and hearing) in late adolescents and young adults.
**Prerequisites:** Admission to appropriate degree program or permission of instructor.

CSD 640 Prevention, Assessment, and Intervention of Communication Disorders: Middle and Older Adults 5
Communication development and disorders (speech, language, and hearing) in middle aged and older adults.
**Prerequisites:** Admission to appropriate degree program or permission of instructor.

CSD 650 Independent Study 1-3
Topic to be determined by faculty advisor and student.
**Prerequisites:** Admission to appropriate degree program or permission of instructor and major advisor.

CSD 670 Diagnostic Audiology I 3
Basic diagnostic procedures in audiology. Includes anatomy, physiology, and disorders of the hearing mechanism, basic evaluation and interpretation of auditory function.
**Prerequisites:** CSD 334 or permission of instructor.

CSD 671 Beginning Clinical Practice in Speech-Language Pathology 5
Beginning clinical practice in the diagnosis of and therapy for communication disorders and differences.

CSD 673 Studies and Practice in Supervision of Communication Sciences and Disorders 3
Supervision in speech-language pathology and audiology. Theoretical models of supervision, pertinent research, and clinical practice. Opportunities for observation.
**Prerequisites:** Permission of instructor.

CSD 674 Diagnostic Audiology II 3
Non-organic hearing loss; differential diagnosis; special problems in diagnosis.
**Prerequisites:** CSD 570 or equivalent.

CSD 677 Internship in Communication Disorders 3-9
Clinical experience under supervision of a certified speech-language pathologist in an off-campus facility.
**Prerequisites:** Permission of instructor.

CSD 678 Advanced Clinical Practice in Speech-Language Pathology 1-9
Advanced clinical practice in diagnosis of and therapy for communication disorders.
**Prerequisites:** Admission to appropriate degree program or permission of instructor.
**Notes:** Course may be repeated twice for a total of 9 credit hours when instructor determines that student requires more time in clinical practice.

CSD 679A Service Learning and Clinical Practicum in International Settings 6
Students will compare and contrast professional issues in global settings through guided study-abroad experiences, service learning experiences and interaction with students and teachers abroad while gaining clinical practicum hours.

CSD 699 Thesis 1-6
Prerequisite: Admission to appropriate degree program, or permission of instructor and major advisor.

CSD 711 Experimental Course 1
This number reserved for experimental courses. Refer to the Course Schedule for current offerings.

CSD 751 Professional Seminars in Communication Sciences and Disorders 1
Weekly seminar on contemporary issues in communication sciences and disorders.
**Notes:** May be repeated four times for credit. Grade: Satisfactory/Unsatisfactory (S/U).

CSD 760 Advanced Seminar in Communication Sciences and Disorders 3
Critical analysis of special topics in communication sciences and disorders. Topics change each semester.
**Notes:** May be repeated when topic varies for a maximum of 18 hours.

CSD 771 Best Practices in Teaching Communication Sciences and Disorders 3
Introduction to best practices in teaching in communication sciences and disorders.
**Prerequisites:** Permission of instructor for non-CSD majors.

CSD 772 Doctoral Seminar in Grant Writing 3
The grant writing process, including the procedures and technical strategies for developing and submitting a grant proposal for funding.
**Prerequisites:** Permission of instructor for non-CSD majors.
**Corequisites:** CSD 790 with faculty advisor or course instructor for individualized mentoring of the grant writing project.
**Notes:** Grade: Satisfactory/Unsatisfactory (S/U).

CSD 773 Practicum in Teaching Communication Sciences and Disorders 3
Practicum in teaching in communication sciences and disorders.
**Prerequisites:** CSD 771 (or as corequisite), prior permission of instructor for non-CSD majors;
**Notes:** Course may be repeated once for credit. Grade: Satisfactory/Unsatisfactory (S/U).

CSD 780 Independent Study 1-3
Guided readings, research, and individual project work.
**Prerequisites:** Permission of doctoral advisory committee and graduate faculty mentor.
**Notes:** May be repeated for a maximum of 15 hours credit.

CSD 790 Directed Research 1-3
Individual work on directed research or topics of special interest, collection and analysis of data, critical review, integration, and interpretation of research literature on a topic pertinent to the student’s research.
**Prerequisites:** Permission of doctoral advisory committee and graduate faculty mentor.
**Notes:** May be repeated for a maximum of 15 hours credit.

CSD 799 Dissertation 1-12
Prerequisite: Completion of doctoral examinations.
CSD 801 Thesis Extension 1-3
Thesis Extension.

CSD 802 Dissertation Extension 1-3
Dissertation Extension.

CSD 803 Research Extension 1-3
Research Extension.