Communication Sciences and Disorders (CSCD)

Courses

CSCD 0815. Language in Society. 3 Credit Hours.
How did language come about? How many languages are there in the world? How do people co-exist in countries where there are two or more languages? How do babies develop language? Should all immigrants take a language test when applying for citizenship? Should English become an official language of the United States? In this course we will address these and many other questions, taking linguistic facts as a point of departure and considering their implications for our society. Through discussions and hands-on projects, students will learn how to collect, analyze, and interpret language data and how to make informed decisions about language and education policies as voters and community members. NOTE: This course fulfills the Human Behavior (GB) requirement for students under GenEd and Individual & Society (IN) for students under Core. Students cannot receive credit for this course if they have successfully completed any of the following: ANTH 0815/0915, Asian Studies 0815, Chinese 0815, EDUC 0815/0915, English 0815, Italian 0815, PSY 0815, Russian 0815, or Spanish 0815.

Course Attributes: GB

Repeatability: This course may not be repeated for additional credits.

CSCD 1001. American Sign Language I. 3 Credit Hours.
The linguistic structure of American Sign Language is taught in this course. Students learn about American deaf culture and the history of the deaf in the United States. This course assumes no prior knowledge of American Sign Language or deaf culture. NOTE: Check school/college policy regarding the use of this course to fulfill the degree's foreign language requirements, if applicable.

Repeatability: This course may not be repeated for additional credits.

CSCD 1002. American Sign Language II. 3 Credit Hours.
This is the second semester of a two semester sequence in American Sign Language. This class teaches students to reach an advanced beginner level of proficiency in providing and understanding American Sign Language. The course also discusses deaf culture in a global framework. Students must have successfully completed American Sign Language I (CSCD 1001) to enroll in this course. NOTE: Check school/college policy regarding the use of this course to fulfill the degree's foreign language requirements, if applicable.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:
CSCD 1001|Minimum Grade of C|May not be taken concurrently.

CSCD 1003. American Sign Language III. 3 Credit Hours.
This intermediate level ASL course focuses on interactive experiences with language structures, functions, and vocabulary necessary for building narrative and conversational skills that enable efficient communication in ASL and Deaf Cultural contexts. The course also aims to expand students’ range of cultural and personal topics of discussion, and to use the target language meaningfully and creatively.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:
CSCD 1002|Minimum Grade of C-|May not be taken concurrently
OR CSCD 1902|Minimum Grade of C-|May not be taken concurrently.

CSCD 1004. American Sign Language IV. 3 Credit Hours.
This is the fourth in a sequence of ASL courses, which focuses on expanded interactive experiences with language structures, functions, and vocabulary necessary for efficient communication in ASL and Deaf Cultural contexts. Particular attention is given to enhanced fluency in the use of ASL classifiers, non-manuals, role shift, and spatial mapping within both conversational and more formal situations. Attention is also given to expanding the range of cultural and personal topics of discussion in meaningful and creative ways.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:
CSCD 1003|Minimum Grade of C-|May not be taken concurrently.

CSCD 1108. Introduction to Linguistics. 3 Credit Hours.
A survey of methods and results in the study of natural language syntax, phonology, semantics, historical change, and dialect variation. English is the primary language of investigation, but facts from other languages are introduced as appropriate. NOTE: Only one of the following two courses may be credited toward the baccalaureate degree: CSCD 1108 (0108); English 2821 (0111).

Repeatability: This course may not be repeated for additional credits.
CSCD 1901. Honors American Sign Language 1. 3 Credit Hours.
This is an introductory course in American Sign Language that emphasizes beginning receptive and expressive skills. The linguistic structure of American Sign Language (ASL) is emphasized as students gain practical skills. The honors course also emphasizes the ways in which ASL differs from other signed languages used around the world and explores Deaf culture and history. This course assumes no prior knowledge of American Sign Language or Deaf culture. NOTE: Check school/college policy regarding the use of this course to fulfill the degree's foreign language requirements, if applicable.

Cohort Restrictions: Must be enrolled in one of the following Cohorts: SCHONORS, UHONORS, UHONORSTR.
Course Attributes: HO
Repeatability: This course may not be repeated for additional credits.

CSCD 1902. Honors American Sign Language 2. 3 Credit Hours.
This is the second semester of a two-semester Honors sequence in American Sign Language. Students in this class achieve an advanced beginner level of expressive and receptive skills in American Sign Language. This course emphasizes genetic and social factors that lead to and follow from a high incidence of deafness within selected communities. Students must have successfully completed Honors American Sign Language 1 (CSCD 1901) to enroll in this course. NOTE: Check school/college policy regarding the use of this course to fulfill the degree's foreign language requirements, if applicable.

Cohort Restrictions: Must be enrolled in one of the following Cohorts: SCHONORS, UHONORS, UHONORSTR.
Course Attributes: HO
Repeatability: This course may not be repeated for additional credits.

Pre-requisites:
CSCD 1901|Minimum Grade of C|May not be taken concurrently.

CSCD 2011. American Deaf Culture. 3 Credit Hours.
This course addresses the difference between the medical view of deafness as a disability, focusing on hearing loss, and the cultural view, focusing on the language and culture of the Deaf. The course explores the relation between language and culture, the history of the Deaf in America, Deaf art, literature and folklore in addition to issues surrounding deaf education, bilingualism, and how cochlear implants are viewed by the Deaf community. Students need not have any experience with American Sign Language to take this course.
Repeatability: This course may not be repeated for additional credits.

CSCD 2049. Language and the Brain. 3 Credit Hours.
This course introduces students to the major issues and results in neurolinguistics, the study of the representation of language in the brain. Major topics include localization of language function in the brain, the use of linguistic knowledge in producing and comprehending words and sentences, and the effects of brain damage on language behavior.
Repeatability: This course may not be repeated for additional credits.

CSCD 2111. Language and Race. 3 Credit Hours.
This course investigates the relationship between language and race in order to accurately and objectively evaluate many common beliefs about the connections between the two. How all languages systematically organize sounds, grammar, and meanings with a special emphasis on the structure of African American English is demonstrated. Also investigated is how particular ways of speaking may or may not affect thought patterns or social identity. Public policy issues involving language and race are also examined. NOTE: This course can be used to satisfy the university Core Studies in Race (RS) requirement. Although it may be usable towards graduation as a major requirement or university elective, it cannot be used to satisfy any of the university GenEd requirements. See your advisor for further information.
Course Attributes: RS
Repeatability: This course may not be repeated for additional credits.

CSCD 2197. Communication Deviations and Disorders. 3 Credit Hours.
This introductory course to the field of speech-language pathology examines the impact of communication deviations and disorders on the individual and society, including the disabling nature of various disorders; their prevention, identification, assessment, and treatment; and the ways in which individuals deal with the social, educational, and vocational effects of these disorders. Includes observations within the scheduled class periods.
Course Attributes: WI
Repeatability: This course may not be repeated for additional credits.
CSCD 2201. Research Methods in Communication Sciences. 3 Credit Hours.
Introduces quantitative research methods in the communication sciences. Covers a variety of study domains including field/descriptive, correlational, survey, clinical, ethnographic, and experimental research designs. Students learn various research methods for addressing particular types of research questions. Concepts covered include types of variables, parametric and nonparametric inferential statistics, sampling designs, hypothesis testing, and publication policies.

Repeatability: This course may not be repeated for additional credits.

CSCD 2202. Sociolinguistics. 3 Credit Hours.
Sociolinguistics connects languages with the societies and social situations in which they are used. We study regional and social dialects and the judgments listeners make when they hear language and its variations. This course includes the study of African American Vernacular English as well as other dialects and variants of English. We also study pidgins and creoles and the social situations in which they evolve and their relation to so-called ‘full-fledged’ languages.

Repeatability: This course may not be repeated for additional credits.

CSCD 2209. Phonetics and Phonology. 4 Credit Hours.
This course examines the subsystems of language that govern (1) the physical properties of speech sounds and (2) the cognitive representation and function of speech sounds in the grammatical system that underlies spoken language. The course also focuses on (1) the acquisition of a body of knowledge relating to phonetic taxonomy, (2) the mastery of techniques of data description and analysis in phonetics (the study of speech production & perception), (3) analytical reasoning skills, and (4) techniques of data description and analysis in phonology.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:
CSCD 1108|Minimum Grade of C|May not be taken concurrently
OR ENG1 Y|May not be taken concurrently.

CSCD 2219. Psycholinguistics. 4 Credit Hours.
The focus of this course is a basic functional knowledge of the lexical and syntactic structure of natural language and an understanding of what is currently known and suggested about how our subconscious knowledge of lexical and syntactic structure is put to use in the comprehension and production of language. The course also focuses on basic linguistic structure underlying human communication, including lexical structure, morphological analysis, syntactic phrase structure, and constituent deletion and displacement.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:
CSCD 1108|Minimum Grade of C|May not be taken concurrently
OR ENG1 Y|May not be taken concurrently.

CSCD 3231. Principles of Syntax. 3 Credit Hours.
The overarching and ambitious goal of syntactic theory is to provide an account of human language, specifically the structure of sentences. As an introductory course in syntax, CSCD 3231 utilizes the scientific method in its study of the formal properties of language - in this case sentence structure. In this course you will be exposed to and will utilize the syntactic, morphological, and sometimes, phonological tests that argue for the modules that comprise contemporary syntactic theory. These tests form the basis of syntactic argumentation.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:
CSCD 1108|Minimum Grade of C|May not be taken concurrently

CSCD 3232. Introduction to Aphasia and Evidence-Based Communicative Interventions. 3 Credit Hours.
Approximately one million Americans have aphasia, which is a language and communication impairment that sometimes results from strokes. This course will provide the opportunity to learn about aphasia, including treatment approaches for this population. Students will learn about the etiology, characteristics, and types of aphasia as well as evidence-based strategies that can be used to facilitate communication with this population. Students will complete a field project in which they will work with people who have aphasia. Students will be assigned to specific field projects based on availability, schedules, and preferences. All field projects will be carried out on Temple’s campus at sites such as The Philadelphia Aphasia Community at Temple (PACT) and Temple's Speech-Language-Hearing Center (TUSLHC). Registration is by permission only; registration is restricted to students with an overall GPA of 3.0 and above.

Class Restrictions: Must be enrolled in one of the following Classes: Junior 60 to 89 Credits, Senior 90 to 119 Credits, Senior/Fifth Year 120+ Credits.

Repeatability: This course may not be repeated for additional credits.
CSCD 3233. Basic Speech Science. 4 Credit Hours.
An in-depth study of speech production, including respiration, phonation, articulation, and acoustics. An introduction also to the domain of speech perception. Includes classroom and laboratory instruction, basic readings, and current theoretical papers.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Linguistics, Spch Lang Hearing Science.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:
CSCD 2209|Minimum Grade of C|May not be taken concurrently.

CSCD 3234. Basic Hearing Science. 4 Credit Hours.
The physics of sound, acoustics, sound measurement, anatomy, and physiology of the auditory periphery, neuroanatomy, and neurophysiology of the auditory central system, and an introduction to psychoacoustics.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Linguistics, Spch Lang Hearing Science.

Repeatability: This course may not be repeated for additional credits.

CSCD 3235. Human Neuroscience. 4 Credit Hours.
Introduction to the anatomy, organization, and function of the human nervous system, with an emphasis on the disorders that result from damage to the brain.

Field of Study Restrictions: Must be enrolled in one of the following Fields of study: Cognitive Neuroscience, Linguistics, Spch Lang Hearing Science.

Repeatability: This course may not be repeated for additional credits.

CSCD 3236. Cultural and Linguistic Diversity: Focus on Autism. 3 Credit Hours.
Autism occurs across all cultural and linguistic groups, but services to diverse populations are notably limited. This course will provide the opportunity to learn about autism, including treatment approaches for this population, and about service to the under-served immigrant community in Philadelphia. We will begin the semester by covering information about cultural and linguistic competence and the services provided by a range of professionals. We will also discuss the types of strategies that can be used to facilitate communication. Students will complete field projects in which they will work with families where a child has been diagnosed with autism. These projects will occur in community settings and at Temple University.

Department Restrictions: Must be enrolled in one of the following Departments: CPH:Communication Science.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:
CSCD 2197|Minimum Grade of C|May not be taken concurrently.

CSCD 3297. Syntax. 3 Credit Hours.
This course investigates the structure of sentences in natural language, drawing data from a number of languages including English. Theoretical issues related to the analysis of a variety of sentence patterns are explored.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Linguistics, Spch Lang Hearing Science.

Course Attributes: WI

Repeatability: This course may not be repeated for additional credits.

CSCD 3301. Speech and Language Development. 3 Credit Hours.
The acquisition of language by children is investigated and related to broader issues in cognitive science, development, and the theory of knowledge. Students are required to conduct observations of language behavior in preschool children.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Linguistics, Spch Lang Hearing Science.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:
(CSCD 2209|Minimum Grade of C|May not be taken concurrently)
AND (CSCD 2219|Minimum Grade of C|May not be taken concurrently)
CSCD 3302. Readings and Research in Multilingualism. 3 Credit Hours.
This course explores topics related to multilingualism and research on multilingualism such as K-12 education, the challenges of identifying language delay and disorder, cognitive development, and code-switching. A variety of language pairings are incorporated into the course, including both spoken and signed languages. Students select a focus: (1) Readings in Multilingualism or (2) Multilingualism Research Project. Course content is the same, but the assignments differ with option (1) allowing students to investigate the readings in greater detail through response papers and investigations of related literature, and option (2) providing students with the opportunity to experience real research ongoing in the Department of Communication Sciences and Disorders. Students do not need to be multilingual to take this course. The research focus requires instructor approval.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:
CSCD 1108|Minimum Grade of C|May not be taken concurrently.

CSCD 3304. Clinical Phonetics. 3 Credit Hours.
This course engages students in the scientific study of speech sounds with a focus on clinical application. The course will involve transcription of different types of speech, including adult and child speech, and typical and disordered speech. The emphasis will be on English (including its dialectal variants), but other languages will also be discussed at various points. The course will include both lecture format and lab format. Lectures will cover important knowledge relevant to clinical phonetics. Class activities will be devoted to transcription practice and further illustration of concepts discussed in lecture.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:
CSCD 2209|Minimum Grade of C|May not be taken concurrently.

CSCD 3305. Teaching and Learning: The Preceptor Experience. 2 Credit Hours.
This course offers students the opportunity to learn about both teaching and learning in a hands-on environment. Each student is assigned to work as a preceptor for an undergraduate class in which the student has previously earned an ‘A.’ Preceptors will provide review sessions and tutoring support (during preceptor office hours) to students enrolled in the class. In addition, preceptors will attend all meetings of the class for which they are precepting, as well as weekly 1-hour lectures focusing on learning styles, pedagogical methods (such as collaborative learning), and ways of modifying information presented to different individuals. These skills are critical to working with people with communication disorders.

Department Restrictions: Must be enrolled in one of the following Departments: CPH:Communication Science.

Repeatability: This course may be repeated for additional credit.

CSCD 3382. Independent Study in Communication Sciences. 1 to 3 Credit Hour.
Creative projects, including research and design, which are supervised on an individual basis and which fall outside the scope of formal courses.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Linguistics, Spch Lang Hearing Science.
Class Restrictions: Must be enrolled in one of the following Classes: Junior 60 to 89 Credits, Senior 90 to 119 Credits, Senior/Fifth Year 120+ Credits.

Repeatability: This course may be repeated for additional credit.

CSCD 3730. Topics in Linguistics. 3 Credit Hours.
CSCD 3730 is a 3-credit undergraduate elective that will challenge students to think critically and analytically about pressing issues and questions in Linguistics. Topics will change from semester to semester, enabling students to take the course up to 3 times in order to explore the range of offerings. This course will be of special interest to students in Speech-Language-Hearing, Linguistics, Foreign Languages, English, and Anthropology. The course is also open to those in other disciplines.

Class Restrictions: Must be enrolled in one of the following Classes: Junior 60 to 89 Credits, Senior 90 to 119 Credits, Senior/Fifth Year 120+ Credits.

Repeatability: This course may be repeated for additional credit.

Pre-requisites:
CSCD 1108|Minimum Grade of C|May not be taken concurrently
OR ENG 2821|Minimum Grade of C|May not be taken concurrently.
CSCD 3900. Honors Special Topics in Communication Sciences and Disorders. 3 Credit Hours.
This Honors Elective course in CSCD will challenge students to think critically and analytically about pressing issues and questions in Communication Sciences and Disorders. The topics will change from semester to semester, enabling students to take the course up to 3 times in order to explore different topics.

Cohort Restrictions: Must be enrolled in one of the following Cohorts: SCHONORS, UHONORS, UHONORSTR.

Course Attributes: HO

Repeatability: This course may be repeated for additional credit.

CSCD 4301. Principles of Audiology. 3 Credit Hours.
An introductory course in the field of audiology, including assessment of disorders of the auditory system, acoustic measurements, testing environment and testing protocol, electrophysical measurements, test interpretation, and professional development.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Linguistics, Spch Lang Hearing Science.
Class Restrictions: Must be enrolled in one of the following Classes: Senior 90 to 119 Credits, Senior/Fifth Year 120+ Credits, Graduate 0 to 17 Credits, Graduate 18 to 35 Credits.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:
CSCD 3234|Minimum Grade of C|May not be taken concurrently.

CSCD 4396. Orientation to Clinical Management. 3 Credit Hours.
This course is designed to provide information about the principles underlying the diagnostic and therapeutic processes in communication disorders, with particular reference to speech and language disorders, and to begin to train students in the application of these principles. The application of principles is accomplished in two-hour laboratory sessions held periodically throughout the first half of the semester and weekly during the second half of the semester. NOTE: The labs will be conducted in individual two-hour blocks that complement students' schedules.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Linguistics, Spch Lang Hearing Science.
Class Restrictions: Must be enrolled in one of the following Classes: Junior 60 to 89 Credits, Senior 90 to 119 Credits, Senior/Fifth Year 120+ Credits, Graduate 0 to 17 Credits, Graduate 18 to 35 Credits.

Course Attributes: WI

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:
(CSCD 2209|Minimum Grade of C|May not be taken concurrently
AND CSCD 2219|Minimum Grade of C|May not be taken concurrently
AND CSCD 3301|Minimum Grade of C|May not be taken concurrently)

CSCD 4397. Fieldwork in Linguistics. 3 Credit Hours.
This is a project course in which students conduct guided research on a topic in the structure of some language. It is taken in the last year of undergraduate study and is the capstone course for the Linguistics major.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Linguistics.
Class Restrictions: Must be enrolled in one of the following Classes: Junior 60 to 89 Credits, Senior 90 to 119 Credits, Senior/Fifth Year 120+ Credits.

Course Attributes: WI

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:
(CSCD 2209|Minimum Grade of C|May not be taken concurrently
AND CSCD 3297|Minimum Grade of C|May not be taken concurrently)

CSCD 4730. Topics in Communication Sciences and Disorders. 1 to 3 Credit Hour.
Special topics in Communication Sciences and Disorders will change from semester to semester. Topics and instructors for a specific semester will be announced by the department and posted on the CSCD Department's web site and undergraduate listserv. This course is variable credit ranging from 1 to 3 credits.

Repeatability: This course may be repeated for additional credit.
CSCD 4979. Honors in Communication Sciences. 3 Credit Hours.
Students are expected to write and support a major paper under the supervision of a designated honors advisor. The work must be of honors quality and accepted by the honors advisor and a second reader. Students who complete this course satisfactorily, perform 20 hours of volunteer work in consultation with the departmental honors advisor, and meet the other requirements described in the Bulletin about CSCD programs will graduate with distinction in Communication Sciences and Disorders. NOTE: Registration in CSCD 4979 requires a GPA is 3.50 or better both within the major and overall, and having no grade below B in the major. Eligible seniors should consult the Undergraduate Program Director, Dr. Krakow, for details.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Linguistics, Spch Lang Hearing Science.
Cohort Restrictions: Must be enrolled in one of the following Cohorts: SCHONORS, UHONORS, UHONORSTR.

Course Attributes: HO

Repeatability: This course may not be repeated for additional credits.

CSCD 5411. Psycholinguistics. 3 Credit Hours.
This course presents information about the processing and use of language including language acquisition, lexical retrieval, syntactic parsing, and language production in children and adults with normal and disordered communication systems.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

CSCD 5501. Modern Linguistics I - Syntax. 3 Credit Hours.
Scientific investigation of grammatical structure in language is the subject of this course. Data from English and other languages are used to study phrase structure, empty categories, movement, etc.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

CSCD 5502. Phonology I. 3 Credit Hours.
This course concerns the nature of sound systems in human language. Students investigate data from a variety of languages and language families.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

CSCD 5505. Issues in Linguistics. 3 Credit Hours.
This course critically investigates major intellectual trends in the recent history of linguistics and their relationship to contemporary issues in philosophy, psychology, and anthropology.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

CSCD 5511. Bilingualism: A Lifespan Perspective. 1 Credit Hour.
In the field of speech and language pathology, culturally and linguistically diverse (CLD) children have a higher rate of misdiagnosis than monolingual Mainstream American English (MAE) speaking children of the same age, due to biased standardized assessments and the need for more culturally-competent clinicians to evaluate and treat these populations. This course is designed to provide students with a survey of the typical bilingual experience across the lifespan. Students will learn how bilingualism is understood across contexts, including different language parameters (i.e., semantics, phonology, syntax), as well as acquisition, disorder and typical aging. Content will be presented from clinical, developmental, neurolinguistic and sociolinguistic perspectives.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.
CSCD 5521. Foundations in Child Language Disorders. 3 Credit Hours.
This course reviews theory, research and clinical issues concerning disorders of language in young children. Major categories of language disorder such as emotional disturbance, mental retardation, hearing loss, and specific language impairment are considered. Treatment and assessment techniques are reviewed and evaluated.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Spch Lang Hearing Science.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:
CSCD 3301|Minimum Grade of C|May not be taken concurrently.

CSCD 5522. Foundations and Management in Phonological Disorders. 3 Credit Hours.
This course presents information and experiences to prepare students to assess and treat individuals with phonological disorders.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Spch Lang Hearing Science.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:
(CSCD 2209|Minimum Grade of C|May not be taken concurrently
AND CSCD 3233|Minimum Grade of C|May not be taken concurrently
AND CSCD 3301|Minimum Grade of C|May not be taken concurrently)

CSCD 5524. Foundations and Management of Motor Speech Disorders. 3 Credit Hours.
This course covers assessment, diagnosis, and management of motor speech disorders such as dysarthria and apraxia of speech in children and adults.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Spch Lang Hearing Science.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:
CSCD 5522|Minimum Grade of C|May not be taken concurrently.

CSCD 5525. Foundations and Management in Fluency. 3 Credit Hours.
This course surveys the characteristics and theories on the nature of stuttering and reviews the principles and practices of assessment and intervention strategies.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:
CSCD 3233|Minimum Grade of C|May not be taken concurrently.
CSCD 5527. Foundations and Rehabilitation of Language and Cognitive Disorders in Aphasia. 3 Credit Hours.

This course provides an overview of acquired neurogenic language disorders and the ways in which these disorders have historically been described and explained. Approaches to diagnosis and treatment of adult language disorders and the evolution from neuroanatomical to cognitive and social models are discussed. The course begins with a review of the etiology and neuroanatomy underlying aphasic syndromes. The classical, neuroanatomical view of acquired language disorder is described, followed by an overview of syndrome classification. This is followed by a detailed review of cognitive-psycholinguistic models of language and communication disorders as well as the life participation approach to rehabilitation of communication disorders. The remainder of the course provides a review of specific language disorders associated with neurological etiologies (especially stroke-based aphasia), their effects on comprehension and production of oral and written language and specific intervention approaches. The course also offers a review of current research that focuses on impairments of cognitive processes that support language processing such as short-term memory (STM) and executive processing.

Field of Study Restrictions: Must be enrolled in one of the following Fields of study: Spch Lang Hearing Science.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
Repeatability: This course may not be repeated for additional credits.
Pre-requisites:
(CSCD 3235|Minimum Grade of C|May not be taken concurrently)
AND (CSCD 2219|Minimum Grade of C|May not be taken concurrently)

CSCD 5528. Voice Disorders: Theory and Analysis. 3 Credit Hours.

This course acquaints the student with the symptomatology and disorder complexes related to phonation and with the philosophies and methods used in the treatment of voice disorders, including cleft palate and alaryngeal voice.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Spch Lang Hearing Science.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
Repeatability: This course may not be repeated for additional credits.
Pre-requisites:
(CSCD 3233|Minimum Grade of C|May not be taken concurrently
AND CSCD 3235|Minimum Grade of C|May not be taken concurrently)

CSCD 5529. Case Studies. 1 Credit Hour.

This seminar patterns itself on the Grand Rounds format used in hospitals in which a clinician presents information about a patient/client to a group of peers. The course is structured to provide interdisciplinary interactions because so many of the patients/clients we work with have multiple problems, and solutions are usually interdisciplinary in nature.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
Repeatability: This course may not be repeated for additional credits.

CSCD 5531. Applications in Audiology. 1 Credit Hour.

Practical labwork with audiometric equipment, test procedures, administration interpretation, and principles of case management and report writing.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Spch Lang Hearing Science.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
Repeatability: This course may not be repeated for additional credits.
Pre-requisites:
CSCD 4301|Minimum Grade of C|May not be taken concurrently.

CSCD 5532. Foundations and Management in Hearing Disorders. 3 Credit Hours.

This course reviews basic communication sciences and their role in the development of (re)habilitative strategies for use with both adults and children with hearing impairment.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
Repeatability: This course may not be repeated for additional credits.
Pre-requisites:
CSCD 4301|Minimum Grade of C|May not be taken concurrently.
CSCD 5533. Principles of Audiology. 3 Credit Hours.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
Repeatability: This course may not be repeated for additional credits.

CSCD 5534. American Sign Language I. 3 Credit Hours.
This introductory course provides the necessary skills for basic communication in American Sign Language (ASL). The relationship between manual and oral systems and the implications of deafness on communication are considered.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
Repeatability: This course may not be repeated for additional credits.

CSCD 5634. American Sign Language II. 3 Credit Hours.
This course continues the basic introduction to American Sign Language (ASL) through exploration of the language used by Deaf people in America, including the syntax, grammar, and vocabulary necessary in ASL. In addition various aspects of Deaf culture will also be discussed.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
Repeatability: This course may not be repeated for additional credits.

Pre-requisites:
CSCD 5534|Minimum Grade of C|May not be taken concurrently.

CSCD 5729. Language and Deafness. 3 Credit Hours.
This introduction to deaf studies explores the linguistic structure of American Sign Language, how modality of production-perception shapes language organization (comparisons of signed and spoken languages), deaf culture, deafness and minority cultures, deafness and child development, issues and options in deaf education, deafness in old age.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
Repeatability: This course may not be repeated for additional credits.

CSCD 5730. Topics in Speech, Language and Hearing. 1 to 3 Credit Hour.
Special topics in the area of Speech Language Pathology which change from semester to semester are presented. Topics and instructors for a specific semester are announced by the department and posted on the CSCD Department's listserv and web site.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
Repeatability: This course may be repeated for additional credit.

CSCD 8147. Basic Practicum in Audiology. 1 Credit Hour.
Basic practicum in audiology at Temple University Speech and Language Center or one of the field placements with emphasis on basic audiolc testing and interpretation.
Field of Study Restrictions: Must be enrolled in one of the following Majors: Spch Lang Hearing Science.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
Repeatability: This course may not be repeated for additional credits.

Pre-requisites:
(CSCD 5531|Minimum Grade of C|May not be taken concurrently
AND CSCD 5532|Minimum Grade of C|May not be taken concurrently)

CSCD 8187. Basic Practicum in Diagnostic Processes. 1 to 3 Credit Hour.
This course introduces assessment of speech-language disorder, emphasizing assessment tools, procedures, rationales, and interpretation.
Field of Study Restrictions: Must be enrolled in one of the following Majors: Spch Lang Hearing Science.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
Repeatability: This course may be repeated for additional credit.

Pre-requisites:
CSCD 4396|Minimum Grade of C|May not be taken concurrently.
CSCD 8287. Basic Practicum in Therapy Processes. 1 to 3 Credit Hour.
This is an introduction to remediation of speech-language disorders, emphasizing therapy methodologies and techniques, procedures, and rationales based on evidence-based practice, and analysis and interpretation of therapy outcomes.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Spch Lang Hearing Science.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may be repeated for additional credit.

Pre-requisites:
CSCD 4396|Minimum Grade of C|May not be taken concurrently.

CSCD 8601. Advanced Syntax. 3 Credit Hours.
This course studies recent advances in syntactic theory, focusing on the tension between universal grammar and the properties of particular languages.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

CSCD 8721. Foundations and Management in Augmentative and Alternative Communication. 1 Credit Hour.
This course provides information on the identification of individuals who would benefit from Augmentative and Alternative Communication, on assessment of functional communication needs across environments, and on current regulations and documentation to obtain funding for a speech-generating device.

Field of Study Restrictions: Must be enrolled in one of the following Fields of study: Spch Lang Hearing Science.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

CSCD 8722. Foundations and Management in Dysphagia. 3 Credit Hours.
An overview of swallowing processes and disorders specific to the adult and pediatric populations. Assessment and treatment will be discussed.

Field of Study Restrictions: Must be enrolled in one of the following Fields of study: Spch Lang Hearing Science.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:
CSCD 3233|Minimum Grade of C|May not be taken concurrently.

CSCD 8723. Seminar in Speech Language Hearing. 1 to 3 Credit Hour.
This course provides students with in-depth and advanced information and experiences in a variety of topics in Speech, Language, Hearing. Students will review the foundation of anatomy, physiology or function of speech, language or hearing, its etiologies, and have hands on practice with professions in the field. Topics change from semester to semester and are presented in an intensive seminar format over a weekend (Friday half day and Saturday all day).

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may be repeated for additional credit.

CSCD 8725. Disorders of Articulation and Phonology: Special Populations. 2 Credit Hours.
This course presents information and experiences to prepare the speech and language specialist to assess, diagnose and treat persons with articulation disorders associated with cleft palate, apraxia, dysarthria and oral myofunctional disorders.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.
CSCD 8726. Management of Child Language Disorders. 3 Credit Hours.
This course presents information and specific skills to prepare the speech and language specialist to function in the educational setting in a variety of roles.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Spch Lang Hearing Science.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:
CSCD 5521|Minimum Grade of C|May not be taken concurrently.

CSCD 8727. Written Language Development and Disorders. 2 Credit Hours.
This course focuses on the developmental processes of written language acquisition and written language disorders (dyslexia). Special attention to phonological awareness and the cognitive processes underlying this awareness.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Spch Lang Hearing Science.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:
(CSCD 5521|Minimum Grade of C|May not be taken concurrently
AND CSCD 5522|Minimum Grade of C|May not be taken concurrently
AND CSCD 8726|Minimum Grade of C|May not be taken concurrently)

CSCD 8728. Voice Disorders: Spec Pop. 2 Credit Hours.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

CSCD 8729. Neurocognitive Language Disorders. 3 Credit Hours.
This course will provide a broad introduction to neurocognitive deficits of language in dementia, traumatic brain injury, and right hemisphere damage. We will review neural substrates of human memory and executive functioning and examine how brain damage compromises language and cognition. We will examine assessments of language and memory and cover contemporary theories of neuropsychological rehabilitation.

Field of Study Restrictions: Must be enrolled in one of the following Fields of study: Spch Lang Hearing Science.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

CSCD 8738. Proj in Spch Lang Hear. 1 Credit Hour.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

CSCD 8824. Assessment and Treatment of Diverse Populations. 2 Credit Hours.
This course offers concentrated study of language development and disorders in culturally and linguistically diverse populations. Less biased assessment and intervention approaches are discussed.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Spch Lang Hearing Science.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

CSCD 8830. Seminar In CSD. 1 Credit Hour.
This course focuses on preparing students to work with children from birth through six years in an interdisciplinary environment.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Spch Lang Hearing Science.
Class Restrictions: May not be enrolled in one of the following Classes: Graduate 0 to 17 Credits.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may be repeated for additional credit.
CSCD 9087. Practicum in Hearing. 1 Credit Hour.
This basic-level practicum exposes students to the problems and therapeutic measures experienced by and available for hearing impaired individuals from childhood through adulthood in various habilitative/rehabilitative settings.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may be repeated for additional credit.

CSCD 9187. Advanced Practicum in Voice. 1 Credit Hour.
This advanced-level practicum at a field affiliation or at Temple University Speech and Hearing Center (stuttering and voice disorders) focuses on in-depth diagnosis and treatment of a specific disordered population, e.g., L.D., M.R., post-CVA, stuttering, voice, and hearing impairment.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Spch Lang Hearing Science.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may be repeated for additional credit.

Pre-requisites:
CSCD 5528|Minimum Grade of C|May not be taken concurrently.

CSCD 9287. Advanced Practicum in Fluency. 1 Credit Hour.
This advanced-level practicum at a field affiliation focuses on in-depth diagnosis and treatment of persons who stutter.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Spch Lang Hearing Science.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may be repeated for additional credit.

Pre-requisites:
CSCD 5525|Minimum Grade of C|May not be taken concurrently.

CSCD 9387. Advanced Field Practicum in Speech Language Pathology - Child. 3 Credit Hours.
This advanced-level practicum at a field affiliation focuses on in-depth diagnosis and treatment of communication and/or swallowing disorders in a specific disordered child population, i.e., SLL, L.D., M.R., stuttering, voice, hearing impairment, etc. On-site for three days or more.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Spch Lang Hearing Science.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may be repeated for additional credit.

Pre-requisites:
CSCD 8726|Minimum Grade of C|May not be taken concurrently.

CSCD 9388. Capstone Field Practicum in Speech Language Pathology - Pediatric. 3 Credit Hours.
This capstone-level practicum at a field affiliated site focuses on in-depth diagnosis and treatment of communication and/or swallowing disorders in a specific disordered pediatric population, i.e., LD, MR, post CVA, stuttering, voice, hearing impairment, etc. Students can plan to be on-site for at least three days per week.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Spch Lang Hearing Science.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may be repeated for additional credit.

Pre-requisites:
CSCD 9387|Minimum Grade of B-|May not be taken concurrently
OR CSCD 9487|Minimum Grade of B-|May not be taken concurrently.
CSCD 9487. Advanced Field Practicum in Speech Language Pathology - Adult. 3 Credit Hours.
Advanced level practicum at a field affiliation with focus on in-depth diagnoses and treatment of communication and/or swallowing disorders in a specific disordered adult population, e.g., L.D., M.R., post-CVA, stuttering, voice, and hearing impairment. The practicum takes place on-site for three days or more.

Field of Study Restrictions: Must be enrolled in one of the following Fields of study: Spch Lang Hearing Science.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may be repeated for additional credit.

Pre-requisites:
(CSCD 5527|Minimum Grade of C|May not be taken concurrently)
AND (CSCD 8729|Minimum Grade of C|May not be taken concurrently)

CSCD 9488. Capstone Field Practicum in Speech Language Pathology - Adult. 3 Credit Hours.
This capstone-level practicum at a field affiliated site focuses on in-depth diagnosis and treatment of communication and/or swallowing disorders in a specific disordered adult population, i.e., LD, MR, post CVA, stuttering, voice, hearing impairment, etc. Students can expect to be on site for at least three days/week.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Spch Lang Hearing Science.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may be repeated for additional credit.

Pre-requisites:
CSCD 9387|Minimum Grade of B-|May not be taken concurrently
OR CSCD 9487|Minimum Grade of B-|May not be taken concurrently.

CSCD 9582. Independent Study - Communication Sciences. 1 to 6 Credit Hour.
Qualified students are permitted to conduct investigations and/or in-depth study under supervision of department faculty.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may be repeated for additional credit.

CSCD 9587. Advanced Practicum in Aphasia. 2 Credit Hours.
This advanced-level practicum focuses on in-depth assessment and treatment of persons with aphasia and/or cognitive-linguistic deficits.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Spch Lang Hearing Science.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Co-requisites: CSCD 5527.

Repeatability: This course may be repeated for additional credit.

Pre-requisites:
CSCD 4396|Minimum Grade of C|May not be taken concurrently.

CSCD 9980. Dissertation Seminar. 1 to 6 Credit Hour.
Current topics in speech-language-hearing research are explored.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may be repeated for additional credit.

CSCD 9994. Preliminary Examination Preparation. 1 to 6 Credit Hour.
This course guides study for exams preliminary to a dissertation. Prior to enrollment, students must have completed all required coursework for the Ph.D. and obtain the approval of the Ph.D. Program Director. Students must be enrolled to take the required preliminary examinations.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may be repeated for additional credit.
CSCD 9996. Thesis Seminar. 1 to 6 Credit Hour.
The preparation of a master's thesis is the goal of this course.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may be repeated for additional credit.

CSCD 9998. Pre-Dissertation Research. 1 to 6 Credit Hour.
Development of a dissertation proposal is undertaken. Registration is required each semester after preliminary examination while a student is researching the dissertation proposal.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may be repeated for additional credit.

Pre-requisites:
CSCD 9994|Minimum Grade of P|May not be taken concurrently.

CSCD 9999. Dissertation Research. 1 to 6 Credit Hour.
This course is limited to Ph.D. candidates who have completed and defended a dissertation proposal that is filed with the Graduate School by the last day to add a course in the semester. Continuous registration in 9999 fall and spring is required until the dissertation is successfully defended.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
Student Attribute Restrictions: Must be enrolled in one of the following Student Attributes: Dissertation Writing Student.

Repeatability: This course may be repeated for additional credit.

Pre-requisites:
CSCD 9998|Minimum Grade of P|May not be taken concurrently.