

Department of Athletic Training and Communication Disorders

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The **Department of Athletic Training and Communication Disorders** offers the following degrees:

- **Master of Science in Athletic Training (MSAT)**
- **Bachelor of Science in Communication Sciences and Disorders (BS)**

Master of Science in Athletic Training (MSAT)

Students must be accepted into the MSAT and the graduate school prior to beginning coursework. All students start coursework during the summer session. The program follows a healthcare cohort model, and the designated course sequence must be followed. The degree requires a combination of coursework and clinical rotations. Students must make a "C" or better in all coursework. Refer to the MSAT website for more information.

ATRN 5351	Athletic Training Techniques	3
ATRN 5452	Therapeutic Interventions	4
ATRN 5453	Orthopedic Assessment I	4
ATRN 5454	Orthopedic Assessment II	4
ATRN 5455	Therapeutic Exercise	4
ATRN 5356	Evidence Based Practice & Research	3
ATRN 5458	General Medical Assessment	4
ATRN 5363	Orthopedic Assessment III	3
ATRN 5359	Trends in Athletic Training	3
ATRN 5360	Healthcare Administration	3
ATRN 5361	Empowering Success	3
ATRN 5362	Cultural Experiences in Global Healthcare	3
KINE 5383	Fitness and Wellness Applications in Athletic Training	3
ATRN 5191	Clinical I	1
ATRN 5192	Clinical II	1
ATRN 5194	Clinical IV	1
ATRN 5293	Clinical III	2
ATRN 5353	Emergency Assessment and Care	3
ATRN 5358	Pharmacology in Athletic Training	3
Total Hours		55

The Bachelor of Science in Communication Sciences and Disorders

The Bachelor of Science in Communication Sciences and Disorders is designed for students who want to work with children and/or adults in school settings, private clinics, and medical settings. This program will equip students with the knowledge and clinical skills to obtain a Speech-Language Pathology Assistant license in the state of Texas as well as pursue a graduate degree in Speech-Language Pathology or Audiology. Upon completion of this program, the students will have the ability to:

- recognize common speech, language and hearing disorders in both children and adults based on their understanding of lifespan human development, cognitive science, acoustics, and language science;
- use critical thinking skills to communicate various concepts, interpretations and theories related to communication sciences and disorders both orally and in written form;
- provide speech and language therapy to children and adults with communication disorders under the supervision of a fully licensed speech-language pathologist.

General Education Requirements (https://catalog.tarleton.edu/academicaffairs/)		42
ENGL 1301 [shared] [WI (https://catalog.tarleton.edu/academicaffairs/)]	Composition I	
ENGL 1302 [shared] [WI (https://catalog.tarleton.edu/academicaffairs/)]	Composition II	
Choose one of the following [shared]:		
BIOL 1406	Biology for Science Majors	
BIOL 2401	Anatomy and Physiology I	
Choose one of the following [shared]: ¹		
CHEM 1407	Fundamentals of Chemistry	
PHYS 1401	College Physics I	
CSDO 2301	Anatomy and Physiology for Speech and Language	3
CSDO 2300	Introduction to Communication Sciences and Disorders	3
CSDO 3300	Phonetics	3
PSYC 2314	Life Span Growth & Development	3
CSDO 3303	Introduction to Audiology	3
CSDO 4301	Aural Habilitation	3
CSDO 3304	Speech Sound Disorders and Intervention	3
CSDO 3305 [WI (https://catalog.tarleton.edu/academicaffairs/)]	Service Delivery in Communication Disorders	3
CSDO 4300	Language Disorders and Interventions	3
CSDO 4303	Neuroscience & Language	3

CSDO 4302	Diagnostics in Speech/Language Pathology	3
CSDO 4306	Communication Disorders in Adults	3
CSDO 3307	Language Development	3
CSDO 4304	Speech & Hearing Science	3
CSDO 4090	Special Topics	3
CSDO 4398 [WI (https://catalog.tarleton.edu/academicaffairs/)]	Research Fundamentals in Communication Sciences	3
CSDO 4309	Advanced Service Delivery	3
CSDO 4380	Capstone in Communication Sciences and Disorders	3
Electives		24
Total Hours		120

Athletic Training Courses

Communication Sciences and Disorders Courses

CSDO 2300. Introduction to Communication Sciences and Disorders. 3 Credit Hours (Lecture: 3 Hours, Lab: 0 Hours).

Study of speech, hearing, and language development and its disorders; descriptions of communicative disorders and their etiologies for the speech-language pathologist, audiologist, health professional, and classroom teacher.

CSDO 2301. Anatomy and Physiology for Speech and Language. 3 Credit Hours (Lecture: 3 Hours, Lab: 0 Hours).

Study of the structure and function underlying the speech, language, and hearing mechanism. Prerequisite: BIOL 1406 OR BIOL 2401.

CSDO 3300. Phonetics. 3 Credit Hours (Lecture: 3 Hours, Lab: 0 Hours).

Training in the use of the International Phonetic Alphabet and practice in the transcription of normal and disordered speech.

CSDO 3303. Introduction to Audiology. 3 Credit Hours (Lecture: 3 Hours, Lab: 0 Hours).

Provides an introduction to audiology, terms and concepts related to audiology, hearing loss types, causes, assessment and treatment procedures across the lifespan. Prerequisite: Pre-req or Co-req CSDO 2301.

CSDO 3304. Speech Sound Disorders and Intervention. 3 Credit Hours (Lecture: 3 Hours, Lab: 0 Hours).

Introduction to the nature, causes, and characteristics of articulation and phonological disorders, including their assessment and treatment. Prerequisite: CSDO 3300.

CSDO 3305. Service Delivery in Communication Disorders. 3 Credit Hours (Lecture: 3 Hours, Lab: 0 Hours). [WI (<https://catalog.tarleton.edu/academicaffairs/>)]

This course provides a foundation in clinical management and the delivery of services to prepare CSDO students to work in a variety of settings. Emphasis will be placed on the techniques of goal setting and writing associated objectives, report writing, evaluation of services, ethics, and interdisciplinary collaboration. The course provides the 25 hours of required guided observation. Prerequisite: Prerequisite or Corequisite of CSDO 3304 and CSDO 4300.

CSDO 3307. Language Development. 3 Credit Hours (Lecture: 3 Hours, Lab: 0 Hours).

Nature of language, language learning theories, and milestones of speech and language development across the lifespan; Nature of oral and written language, the relationship of language to academic learning.

CSDO 4086. Problems in Communications Disorders. 1-6 Credit Hours (Lecture: 1-6 Hours, Lab: 0 Hours).

Independent reading and research on various communications disorders-related topics. Entry into the course will be arranged by the faculty member with permission from the Communications Disorders Program Director and/or the Department Head. Variable credit from 1 - 6 hours. Prerequisite: CSDO 2300.

CSDO 4090. Special Topics. 1-6 Credit Hours (Lecture: 1-6 Hours, Lab: 0 Hours).

Intensive studies on current trends and issues related to professional practice in the field of communication sciences and disorders. May be repeated for credit when topics vary. 1 - 6 credit hours, dependent upon topic. Prerequisite: CSDO 2300.

CSDO 4300. Language Disorders and Interventions. 3 Credit Hours (Lecture: 3 Hours, Lab: 0 Hours).

Etiology, diagnosis, and therapy strategies for language disorders across the lifespan with an emphasis on evidence-based practice for preschool and school-aged children. Prerequisite: CSDO 3307.

CSDO 4301. Aural Habilitation. 3 Credit Hours (Lecture: 3 Hours, Lab: 0 Hours).

Effects of hearing differences on communication, current hearing technologies, development of auditory-based skills in individuals who are deaf/hard-of-hearing, and related clinic and classroom-based support strategies. Prerequisite: CSDO 3303.

CSDO 4302. Diagnostics in Speech/Language Pathology. 3 Credit Hours (Lecture: 3 Hours, Lab: 0 Hours).

The diagnostic process in communication disorders. Knowledge of test protocols and assessment methods in language, articulation, voice, and fluency disorders. Prerequisite: CSDO 3305.

CSDO 4303. Neuroscience & Language. 3 Credit Hours (Lecture: 3 Hours, Lab: 0 Hours).

This course introduces the neurology of speech and language mechanisms in children and adults. Emphasis is on the neuronal bases of speech and languages, with focus on clinical syndromes of speech motor systems and central language mechanisms. Prerequisite: CSDO 2301.

CSDO 4304. Speech & Hearing Science. 3 Credit Hours (Lecture: 3 Hours, Lab: 0 Hours).

Physical properties of sound, sound measurement, basic auditory function, acoustic and physiological phonetics and the perception of speech. Prerequisite: CSDO 2301.

CSDO 4305. Communication Disorders in Special Populations. 3 Credit Hours (Lecture: 3 Hours, Lab: 0 Hours).

This course focuses on an examination of disordered communication processes in special populations such as autism, varied syndromes, severe communication disorders, and augmentative communication. Signs and symptoms, etiology, clinical course and vocational-social impact of these disorders. Additionally, the course explores the principles of assessment and intervention.

CSDO 4306. Communication Disorders in Adults. 3 Credit Hours (Lecture: 3 Hours, Lab: 0 Hours).

This course focuses on an examination of disordered communicative processes in adults. Signs and symptoms, etiology, clinical course, and vocational-social impact of these disorders. Also explored are principles of assessment and intervention. Prerequisite: CSDO majors only.

CSDO 4307. Introduction to Voice & Fluency Disorders. 3 Credit Hours (Lecture: 3 Hours, Lab: 0 Hours).

This course focuses on developing an understanding and a foundation of knowledge about voice and fluency disorders, including the processes involved in speech production. Emphasis will be placed on acquiring knowledge about perceptual, acoustic, aerodynamic, and biomechanical perspectives on normal and disordered speech to inform assessment and treatment. Prerequisite: CSDO 4304.

CSDO 4308. Disorders of Language and Literacy. 3 Credit Hours (Lecture: 3 Hours, Lab: 0 Hours).

This course offers an in-depth study of impairments of oral language, reading, and written expression focusing on school-aged children and adolescents. The course explores typical development, models of impairment, assessment, and treatment. Prerequisite: CSDO 3307.

CSDO 4309. Advanced Service Delivery. 3 Credit Hours (Lecture: 3 Hours, Lab: 0 Hours).

This course provides opportunities to apply and synthesize advanced clinical practice knowledge and skills to prepare CSDO students to work in a variety of settings. Emphasis will be placed on differentiating scope of practice clinical areas in speech, language, and hearing sciences, documentation, ethics, professional behavior, and application.

CSDO 4380. Capstone in Communication Sciences and Disorders. 3 Credit Hours (Lecture: 3 Hours, Lab: 0 Hours).

The capstone course will provide opportunities for reflection on the CSDO undergraduate experience and will focus on oral language skills, written language skills, viewpoints of individuals with disabilities, and other skills that students need to be successful after graduation. Prerequisite: CSDO majors only.

CSDO 4397. Practicum in Communication Sciences and Disorders. 3 Credit Hours (Lecture: 3 Hours, Lab: 0 Hours).

This course will provide supervised field/clinical placement/s in speech-language pathology to familiarize students with the principles of assessment and intervention. Prerequisite: CSDO 3305.

CSDO 4398. Research Fundamentals in Communication Sciences. 3 Credit Hours (Lecture: 3 Hours, Lab: 0 Hours). [WI (<https://catalog.tarleton.edu/academicaffairs/>)]

Foundations of basic and applied research with an emphasis on methodology and evaluation of research in the field as well as evidence and ethical practice. Prerequisite: PSYC 2317 or MATH 1342.