

College of Nursing and Health Sciences

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The College of Nursing and Health Sciences is composed of the Department of Nursing, the Department of Communication Disorders, and the Department of Sports and Exercise Sciences. The academic programs of the college are supported by the Bivins Nursing Learning Center, the WTAMU Speech and Hearing Clinic, and the Sports and Exercise Sciences Human Performance Laboratory. Students learn in on-campus classrooms and laboratories and through distance-education methods. Clinical skills in all departments are practiced in numerous health-related agencies in the region.

The College of Nursing and Health Sciences develops professional and academic leaders in the health professions through technology-rich, rigorous educational programs that engage students effectively, provide high-quality clinical services to patients and clients, as well as contribute meaningful scholarship including evidence-based practice within a diverse and inclusive student-centered community. This mission is achieved through the individual and collective efforts of highly qualified faculty and staff.

Programs**Major**

- [Health Sciences B.A./B.S.](#)

Department of Communication Disorders

[Go to information for this department.](#)

Programs**Major**

- [Communication Disorders B.S.](#)

Department of Nursing

[Go to information for this department.](#)

Programs**Major**

- [Nursing-For Basic and Transfer Students \(Nursing B.S.N.\) \(Major Code 701\)](#)
- [Nursing-For Licensed Vocational Nurses/Practical Nurses \(Nursing B.S.N.\) \(Major Code 713\)](#)
- [Nursing-For Registered Nurses \(Nursing B.S.N.\) \(Major Code 718\)](#)

Department of Sports and Exercise Sciences

[Go to information for this department.](#)

Programs

Major

- [Athletic Training B.S.](#)
- [Sports and Exercise Sciences B.A./B.S.](#)

Certification, Teacher

- [Physical Education \(Grades EC-12\) Certification \(Sports and Exercise Sciences B.A./B.S.\)](#)

Minor

- [Exercise Science Minor \(SES\)](#)
- [Pedagogy Minor \(SES\)](#)
- [Sport Psychology Minor \(SES\)](#)
- [Sport/Fitness Minor \(SES\)](#)

West Texas A&M University

[Working] 2020-2021 Undergraduate Catalog

Communication Disorders B.S.

Admission Requirements

Communication Disorders Admission

Admission to the undergraduate Communication Disorders Program is selective and competitive. Preference is given to WTAMU pre-communication disorders students. Applications are due by April 1 for admission into the following fall CD classes. One class is admitted each year and will be capped at 40 students. Student acceptance will be confirmed by June 15. Prerequisite: CD admission course includes [CD 2373](#).

Minimum admission criteria include:

- Minimum cumulative grade point average of 3.0.
- Completion of [CD 2373](#) with a minimum grade of "B".
- Complete application.
- Meet the criteria of minimal technical standards.

The completed application and an official copy of all college transcripts (except WTAMU students) must be returned prior to April 1 for consideration. Return all items to:

Brenda Fields Cross, Au.D., FAAA, CCC-A

Program Director, Communication Disorders

West Texas A&M University

WTAMU Box 60757

Canyon, TX 79016-0001

Applicants are accepted for admission by ranked order using the formula listed below.

Academic performance - cumulative GPA and prerequisite GPA: 50%

Application and committee review: 50%

Total: 100%

Full acceptance - A student may be accepted to the CD program upon completion of all stated WTAMU CD program admission requirements without any deficiencies.

Applicants not selected may reapply for admission the following year.

Bachelor Science (B.S.) Degree

Requirements

(See the "[Requirements for Baccalaureate Degrees](#)" section of this catalog.)

Major in Communication Disorders

(Major Code: 240)

The American Speech-Language and Hearing Association (ASHA), in order to certify and provide professional speech and hearing services, requires a master's degree in communication disorders. WTAMU's Communication Disorders Program is nationally accredited through ASHA by the CAA.

For information about the master of science (M.S.) degree, refer to the "Graduate Catalog".

University Core Curriculum Requirements

Refer to the "[University Core Curriculum](#)" section of this catalog. Students must take the following courses.

From Life and Physical Sciences - Code 30 (6 hours)

Lab hours will count toward Component Area Option (Code 90).

One course from:

- [BIOL 1406 - Basic and Contemporary Biology I \(HAZ\)](#) 4 or
- [BIOL 1407 - Basic and Contemporary Biology II \(HAZ\)](#) 4

- [BIOL 1408 - Biology for Non-Science Majors I \(HAZ\)](#) 4 or
- [BIOL 1409 - Biology for Non-Science Majors II \(HAZ\)](#) 4

- [BIOL 1413 - Zoology \(HAZ\)](#) 4

And one course from:

- [CHEM 1405 - General Chemistry I \(HAZ\)](#) 4
- [CHEM 1411 - Chemistry I \(HAZ\)](#) 4
- [CHEM 1412 - Chemistry II \(HAZ\)](#) 4
- [PHYS 1401 - General Physics I \(HAZ\)](#) 4
- [PHYS 1402 - General Physics II \(HAZ\)](#) 4

From Social and Behavioral Sciences - Code 80 (3 hours)

- [PSYC 2301 - General Psychology](#) 3

From Component Area Option - Code 90 (5 of 6 hours)

- [ENGL 1302 Academic Writing and Research](#) or
- [ENGL 2311 Introduction to Professional and Technical Communication](#)

- Lab hour from [BIOL 1406](#) or [BIOL 1408](#), [BIOL 1407](#), or [BIOL 1409](#), or [BIOL 1413](#)
- Lab hour from [CHEM 1405](#), [CHEM 1411](#), [CHEM 1412](#), [PHYS 1401](#), or [PHYS 1402](#)

The sixth required hour for Code 90 may be satisfied any additional course from the full list of Code 90 options (see "[University Core Curriculum](#)").

Communication Disorders Core Requirements (54 hours)

- [CD 2370 - Phonetics](#) 3
- [CD 2372 - Language Development](#) 3
- [CD 2373 - Survey of Communication Disorders](#) 3
- [CD 3340 - Speech Sound Disorders in Children](#) 3
- [CD 3345 - Introduction to Fluency Disorders](#) 3
- [CD 3355 - Introduction to Audiological Assessment](#) 3
- [CD 3356 - Aural Rehabilitation](#) 3
- [CD 3365 - Introduction to Voice Disorders](#) 3
- [CD 3370 - Diagnosis and Counseling in Communication Disorders](#) 3
- [CD 3471 - Anatomy and Physiology in Communication Disorders](#) 4

- [CD 4374 - Clinical Observation and Professional Writing in Communication Disorders](#) 3 or
- [CD 4398 - Senior Clinical Practicum](#) 3

- [CD 4472 - Child Language and Literacy Disorders](#) 4
- [CD 4480 - Applications of Research in Communication Disorders](#) 4
- [CD 4381 - Neural Basis of Communication Disorders](#) 3
- [CD 4386 - Acquired Speech and Language Disorders](#) 3
- [CD 4390 - Clinical Professional Issues in Communication Disorders](#) 3
- [CD 4360 - Speech and Hearing Science](#) 3

Required Related Courses (9 hours)

- [PSYC 2314 - Lifespan Growth and Development](#) 3
- [PSYC 4360 - Abnormal Psychology](#) 3
- [SGNL 1301 - Beginning American Sign Language I](#) 3

Required Bachelor of Science Courses (7 hours)

- [BIOL 2401 - Human Anatomy and Physiology I](#) 4

- [MATH 3360 - Statistical Methods](#) 3 or
- [NURS 3304 - Elementary Biostatistics in Health-Care Research](#) 3 or
- [MATH 1342 - Elementary Statistical Methods](#) 3

Electives (8 hours)

Observation Requirements for the American Speech-Language-Hearing Association (ASHA)

- Total of 25 hours.

Communication Disorders Honors Requirements

- [CD 3392 - Special Topics](#) 3

Advising Services Degree Checklists and Curriculum Guides

The following Degree Checklist and Curriculum Guide (suggested course sequence) are available by linking to [Advising Services Degree Checklists](#):

- Communication Disorders B.S.
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West Texas A&M University

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Course Descriptions

[Contract All Courses](#) |

Course Numbers

West Texas A&M University follows a four-digit numbering system, known as the Texas Common Course Numbering System (TCCNS). The four-digit numbers are identified below:

- First digit identifies the level (1 = freshman, 2 = sophomore, 3 = junior, 4 = senior, 5 = stacked undergraduate/masters, 6 or 7 = graduate, 8 = doctoral);
- Second digit identifies the credit-hour value; and
- Third and fourth digits establish the course sequence or type of course (92 = special topics, 93 = honors, 94 = individual/directed studies, 95 = problems, 96 = readings, 97 = research, 98 = internship, 99 = practicum).

0001–0999—developmental courses, do not count toward degree.

1000–2999—primarily freshman and sophomore courses.

3000–4999—open to students who have completed at least 30 hours and any prerequisite.

5000–5999—graduate level stacked with undergraduate.

6000–7999—graduate level (master's/doctoral).

8000–8999—doctoral students only.

NOTE: Students who have taken and received credit for an undergraduate "stacked" course at WTAMU cannot take and receive credit for the corresponding graduate course.

Course Prefix

The course prefix indicates the assigned WTAMU course abbreviation and course number; e.g., ACCT 2301.

Course Abbreviation and Number in Brackets

A course abbreviation (prefix) and number in brackets indicates the corresponding common course number, established by the Texas Higher Education Coordinating Board, if the common course number and/or prefix is different from the WTAMU number; e.g., [GOVT 1310].

Field-of-Study Curriculum (FOSC)

Field-of-study curriculum is a set of courses that satisfy lower-division requirements for a bachelor's degree in a specific academic area. All public four-year institutions of higher education are required to accept Texas Higher Education Coordinating Board-approved field-of-study courses. Field-of-study curriculum is indicated with the abbreviation "FOSC" within the brackets indicating the common course number of a course; e.g., [MUSI 1181, 1182; FOSC].

Numbers

The numbers indicate semester credit hours, lecture clock hours per week and lab clock hours per week; e.g., 3 3 0 indicates

three semester credit hours, three clock hours of lecture per week and zero clock hours of lab per week.

(HAZ)

Courses marked with (HAZ) may require the use of hazardous chemicals and/or equipment. To participate in these classes, an online "**Student Laboratory Safety Training**" is required and assigned through WTCClass upon registration for the class. By registering for the class, the student agrees to

- Complete the assigned training by no later than 12th class day for fall/spring terms or 5th class day for summer terms; and
- Acknowledge non-participation in activities if not completed by 18th class day for fall/spring terms; 10th class day for summer terms.

Communication Disorders

• CD 2370 - Phonetics

3 3 0

Prerequisite(s): Program approval. An introduction to English phonetics.

• CD 2372 - Language Development

3 3 0

Prerequisite(s): Program approval. Speech and language development in the normally developing child.

• CD 2373 - Survey of Communication Disorders

3 3 0

Survey of human communication and disorders in children and adults.

• CD 3094 - Advanced Individual Problems in Communication Disorders

1-3 0 0

Prerequisite(s): consent of program director. Advanced individual study designed to meet needs and interests of student. May be repeated when topics vary for a maximum of six credit hours.

• CD 3340 - Speech Sound Disorders in Children

3 3 0

Prerequisite(s): Department consent-2nd Admissions required. The nature of speech sound disorders in preschool and school-aged children with a focus on assessment and intervention.

- **CD 3345 - Introduction to Fluency Disorders**

3 3 0

Prerequisite(s): Department consent-2nd Admissions required. Etiology, characteristics, assessment, treatment and prevention of fluency disorders.

- **CD 3355 - Introduction to Audiological Assessment**

3 3 0

Prerequisite(s): [MATH 1314](#), program approval. Physical characteristics of sound and the structure and function of the human auditory system. Pathologies of the ear and disorders of hearing. Measurement of basic audiologic test battery, including audiograms, masking, speech recognition and immittance.

- **CD 3356 - Aural Rehabilitation**

3 3 0

Prerequisite(s): Department consent-2nd Admissions required. Approaches to aural rehabilitation in children and adults. Introduction to educational audiology and assistive listening devices.

- **CD 3365 - Introduction to Voice Disorders**

3 3 0

Prerequisite(s): Department consent-2nd Admissions required. Advanced study in the human vocal production system, dysphonia across the lifespan including organic and functional disorders emphasized with an overview of clinical approaches.

- **CD 3370 - Diagnosis and Counseling in Communication Disorders**

3 3 0

Prerequisite(s): Department consent-2nd Admissions required. Overview of general procedures in diagnostic techniques for communication disorders, as well as counseling skills utilized in delivery of diagnostic results.

- **CD 3392 - Special Topics**

3 3 0

Prerequisite(s): [CD 3471](#). Intensive exploration of a selected topic in communication disorders. Topic to be determined each semester course is offered.

- **CD 3471 - Anatomy and Physiology in Communication Disorders**

4 3 2

Prerequisite(s): Program approval. Anatomical and physiological systems that underlie speech and the ability to hear.

- **CD 4360 - Speech and Hearing Science**

3 3 0

Prerequisite(s): Department consent-2nd Admissions required. Normal process of speech production from anatomic, physiologic, kinematic, aerodynamic, acoustic and perceptual perspective. Emphasis on measurement and analysis techniques, instrumentation and experimental paradigms used to study speech production and perception.

- **CD 4374 - Clinical Observation and Professional Writing in Communication Disorders**

3 2 1

Enable students (1) to complete observations of evaluation and treatments in speech-language pathology and audiology and (2) to demonstrate improvement in writing skills for the CD profession. A total of 25 hours of guided observations is required by ASHA to earn the Certificate of Clinical Competence (CCC). Students are required to complete in-class and out-of-class observations. All days and times for out-of-class observations are scheduled through the course at the direction of the instructor.

- **CD 4381 - Neural Basis of Communication Disorders**

3 3 0

Prerequisite(s): Department consent-2nd Admissions required. Neuroscience and its application to aspects of normal and disordered communication.

- **CD 4386 - Acquired Speech and Language Disorders**

3 3 0

Prerequisite(s): Department consent-2nd Admissions required. Introduction to acquired speech and language disorders across the life span.

- **CD 4390 - Clinical Professional Issues in Communication Disorders**

3 0 0

Prerequisite(s): [CD 3340](#). Senior-level introduction to clinical professional practices in communication disorders relating to professional ethics and scope of practice. Coverage of cultural diversity as it applies to characteristics, assessment, treatment and prevention of communication disorders.

- **CD 4398 - Senior Clinical Practicum**

3 0 0

Prerequisite(s): consent of instructor. Supervised clinical practicum in communication disorders. Techniques to elicit and support appropriate professional behaviors in clinic, home and school situations; methods for facilitating social skills for communication, social interaction guidelines for clients of diverse cultural backgrounds; ASHA Code of Ethics and Scope of Practice, universal health precautions, clinical procedures in written clinical documentation and appropriate evidence-based intervention methods. Student will address standards of the Council of Academic Program in Communication Sciences and Disorders (CAPCSD)-Standard IV-C, IV-D, IV-E, IV-F, IV-G, IV-H, Standard V-A, V-B, V-C, V-D, and V-F. Portfolio of current information on wide range of professional issues, including policies, practices and guidelines to document knowledge of contemporary professional issues will be required. May be repeated once for a maximum of six credit hours.

- **CD 4472 - Child Language and Literacy Disorders**

4 4 0

Prerequisite(s): Department consent-2nd Admissions required. Theoretical models and current best evidence concerning the relationships among language disorders, learning disabilities and dyslexia literacy; definitional and diagnostic issues and treatment approaches. Interventions aimed at improving phonological processing, fluency, comprehension, compensatory strategies and social skills will be emphasized.

- **CD 4480 - Applications of Research in Communication Disorders**

4 4 0

Prerequisite(s): Department consent-2nd Admissions required. This course will provide students training in research terminology and methodology common to the field of speech-language pathology. From this foundation, students will practice appraising research articles to become better consumers of research. Students will also review writing resources and concepts, then apply them during academic and professional writing assignments.

[|Contract All Courses |](#)