# COMMUNICATION SCIENCES AND DISORDERS, B.S.

# **Program Description**

La Salle University's four-year Communication Sciences and Disorders program provides a rigorous academic curriculum and a variety of hands-on learning experiences to prepare students for successful careers and to pursue graduate studies in speech-language pathology or audiology. Students gain knowledge of the principles of human communication and swallowing processes. Coursework focuses on the anatomical, physiological, neurological, acoustic, psychological, developmental, linguistic, and cultural bases of speech, language, hearing, and swallowing processes and disorders.

The American Speech-Language-Hearing Association (ASHA) is the national professional, credentialing, and scientific organization for speech-language pathologists, audiologists, and speech-language-hearing scientists. Students can learn more about undergraduate education in communication sciences and disorders and information about speech-language pathology and related professions from the ASHA website: https://www.asha.org/Students/undergraduate-students/.

#### The National Student Speech-Language-Hearing Association

The National Student Speech-Language-Hearing Association (NSSLHA) is a pre-professional membership association for students interested in communication sciences and disorders. La Salle University formed an ASHA-recognized NSSLHA chapter in 2002. Membership in the La Salle NSSLHA chapter is available to undergraduate and graduate students enrolled in one of the Communication Sciences and Disorders programs.

Student NSSLHA members can increase their involvement in the field by visiting professional work sites, engaging in group outreach programs, attending panel discussions, fundraising, and more. NSSLHA membership allows students to engage in leadership activities locally and nationally by promoting dialogue between students, professionals, and community members. For more information, please visit the NSSLHA Web site: www.nsslha.org (http://www.nsslha.org).

#### CSD Student Handbook

The Communication Sciences and Disorders Student Handbook contains program-specific rules, guidelines, and procedures for progression and will be available to all students.

# Why Take This Major?

The Communication Sciences and Disorders major provides students with the knowledge needed to enter a master's degree program in speech-language pathology, the entry-level degree for professional practice as a speech-language-pathologist. Speech-language pathologists care for people of all ages and cultural backgrounds with communication and swallowing disorders. They assess, treat, and help prevent speech, language, cognitive-communication, voice, swallowing, fluency, and related disorders. A bachelor's degree in CSD can also lead to other career areas, including careers in rehabilitation science, health care, and education.

# **Degree Earned**

B.S.

## **Required for Graduation**

- Courses
  - Major: 17
  - Total: 40
- · Credits
  - Major. 51-53
  - · Total: 120 to 122
- GPA
  - Major. 3.0
  - · Cumulative: 3.0

# **Student Learning Outcomes**

- The student will demonstrate knowledge in biological sciences, physical sciences, statistics, and social/behavioral sciences.
- The student will demonstrate knowledge in basic human communication and swallowing processes, including their biological, neurological, acoustic, psychological, developmental, linguistic, and cultural bases.
- · The student will communicate effectively in writing and speaking.
- The student will apply critical thinking to synthesize, analyze, and evaluate information.
- The student will identify professional and clinical practice issues in the field of speech-language pathology.

# **Progress Chart**

#### **Level One - Core Courses**

12 courses and 2 modules required.

#### **Major Requirements**

BIO 161

Major requirements include 4 Level Two ILO requirements, fulfilled through the major.

Students in this major must complete **40** courses in total in order to graduate. **17** courses will be from this major program.

Code	Title	Credits
Level One - Core	Courses	
Universal Required	d Courses	
Students must co	omplete the following 4 courses.	
ILO 8.1: Written Cundergraduate/ile	Communication (https://catalog.lasalle.edu/ o/)	
ENG 110	College Writing I: Persuasion	3
ILO 5.1: Informati undergraduate/ile	ion Literacy (https://catalog.lasalle.edu/ o/)	
ENG 210	College Writing II: Research	3
	nding Diverse Perspectives (https:// du/undergraduate/ilo/)	
FYS 130	First-Year Academic Seminar <sup>1</sup>	3
ILO 2.1: Reflective undergraduate/ile	e Thinking and Valuing (https://catalog.lasalle.e o/)	du/
REL 100	Religion Matters	3
Elective Core Cour	rses	
Students must co	omplete 1 course in each of the following 4 ILOs.	
ILO 3.1a: Scientifundergraduate/ile	ic Reasoning (https://catalog.lasalle.edu/ o/)	

Anatomy and Physiology (with lab)

or BIO 158	Life Science: A Human Approach	
ILO 3.1b: Quanti undergraduate/i	tative Reasoning (https://catalog.lasalle.edu/ lo/)	
HSC 217	Statistics for Health Science Profs	3
ILO 6.1: Technol undergraduate/i	ogical Competency (https://catalog.lasalle.edu/ lo/)	
CSC 154	Healthcare Informatics	3
	ral Communication/Collaborative Engagement .lasalle.edu/undergraduate/ilo/)	
Choose course v undergraduate/i	within ILO (https://catalog.lasalle.edu/ lo/)	3
Distinct Disciplin	e Core Courses	
Each course mu	complete 1 course in each of the following 4 ILOs. st be from a different discipline. (A "discipline" is the 3- or 4-letter prefix attached to each course.)	
	Analysis and Reasoning (https://catalog.lasalle.edu/	
SOC 150	Principles of Sociology	3
or SOC 151	Social Problems and Social Policy	-
ILO 9.1: Creative undergraduate/i	and Artistic Expression (https://catalog.lasalle.edu/	
-	within ILO (https://catalog.lasalle.edu/	3
	Understanding and Reasoning (https:// edu/undergraduate/ilo/)	
Choose course v undergraduate/i	within ILO (https://catalog.lasalle.edu/ lo/)	3
	al and Global Awareness and Sensitivity (https:// edu/undergraduate/ilo/)	
SPN 103	Spanish For Nursing and Health Sciences I (or any other global language)	3
Universal Require		
Students must o	complete the following 2 non-credit modules. <sup>2</sup>	
ILO 7.1a (https:/	/catalog.lasalle.edu/undergraduate/ilo/)	
Health Literacy I	Module	
ILO 7.1b (https:/	//catalog.lasalle.edu/undergraduate/ilo/)	
Financial Literac	cy Module	
Major Requirem	ents	
Level Two		
Students must of 4 commitments.	complete 1 course/learning experience in each of the	
	Identity (Capstone Course/Experience) (https:// edu/undergraduate/ilo/)	
COSD 435	Communication Sciences and Disorders Undergraduate Capstone (ILO 2.2)	3
	rom 3.2a, 3.2b, 4.2, 5.2, 6.2, 7.2a, or 7.2b: Expanded s://catalog.lasalle.edu/undergraduate/ilo/)	
COSD 314	Diagnostic Procedures in Speech-Language Pathology (ILO 4.2)	3
	ve Expression (Writing-Intensive Course) (https:// edu/undergraduate/ilo/)	
COSD 413	Professional Issues in Speech-Language Pathology (ILO 8.2b)	3
Select one ILO fi	rom 10.2, 11.2, or 12.2: Active Responsibility (https://	

catalog.lasalle.edu/undergraduate/ilo/)

	COSD 409	Multicultural Perspectives on Communication Disorders (ILO 11.2)	3
	All Other Required	Courses	
	COSD 100	Introduction to Language and Communication	3
	COSD 102	Introduction to Communication Disorders	3
	COSD 200	Phonetics	3
	COSD 202	Anatomy and Physiology of the Speech and Hearing Mechanisms	3
	COSD 203	Speech and Language Development	3
	COSD 211	Acoustic Bases of Speech and Hearing	3
	COSD 304	Introduction to Audiology	3
	COSD 306	Neurological Bases of Communication and Behavior	3
	COSD 308	Clinical Procedures in Speech-Language Pathology	3
	COSD 314	Diagnostic Procedures in Speech-Language Pathology	3
	COSD 409	Multicultural Perspectives on Communication Disorders	3
	COSD 413	Professional Issues in Speech-Language Pathology	3
	COSD 435	Communication Sciences and Disorders Undergraduate Capstone	3
	<b>Supporting Cours</b>	es	
	Select one of the	following:	3-4
	PHY 270	Special Topics	
	CHM 161 & CHL 161	Chemistry of The Life Sciences and Laboratory	
	PSY 155	Introduction to Psychology	3
	Electives		
	COSD 201	Introduction to Sign Language	3
	Free Electives		
		requirements listed above, students must take	
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enough courses to the fulfill graduation credit requirements for their

School and major.

**Total Credits** 

NOTE. The following students use Level 2 Capstone Experience in

97-98

Major instead of FYS 130 First-Year Academic Seminar: Honors, BUSCA, Core-to-Core, Transfer, and Non-Traditional/Evening.

The Modules are **not** required for Transfer Students, Core-to-Core Students, or BUSCA Students. BUSCA students are required to take modules if/when they pursue a bachelor's degree.

# **Recommended Course Sequence**

Course	Title	Credits
First Year		
First Semester		
ENG 110	College Writing I: Persuasion (ILO 8b)	3
SPN 103	Spanish For Nursing and Health Sciences I (ILO 11)	3
COSD 100	Introduction to Language and Communication	3
FYS (ILO 1)		3
BIO 161 or BIO 158	Anatomy and Physiology (Core3a) or Life Science: A Human Approach	4
	Credits	16

Second Semester		
COSD 102	Introduction to Communication Disorders	3
Select one of the follow	wing:	3
SPN 104	Spanish For Nursing and Health Sciences II	
Elective		
REL 100	Religion Matters (ILO 2)	3
PHY 270	Special Topics	3
or CHM 161	or Chemistry of The Life Sciences	
Any ILO 8/12		3
	Credits	15
Second Year		
First Semester		
COSD 200	Phonetics	3
SOC 150 or SOC 151	Principles of Sociology (ILO 4) or Social Problems and Social Policy	3
ENG 210	College Writing II: Research (ILO 5)	3
COSD 202	Anatomy and Physiology of the Speech and Hearing Mechanisms	3
Any ILO 9		3
	Credits	15
Second Semester		
COSD 203	Speech and Language Development	3
Any ILO 10		3
PSY 155	Introduction to Psychology	3
HSC 217	Statistics for Health Science Profs (ILO 3b)	3
COSD 211	Acoustic Bases of Speech and Hearing	3
	Credits	15
Third Year		
First Semester		
CSC 154	Healthcare Informatics (ILO 6)	3
COSD 304	Introduction to Audiology	3
COSD 306	Neurological Bases of Communication and Behavior	3
Elective		3
Elective		3
	Credits	15
Second Semester		
COSD 308	Clinical Procedures in Speech-Language Pathology	3
COSD 314	Diagnostic Procedures in Speech-Language Pathology	3
Elective		3
Elective		3
Elective		3
	Credits	15
Fourth Year		
First Semester		
COSD 409	Multicultural Perspectives on Communication Disorders	3
COSD 413	Professional Issues in Speech-Language Pathology	3
Elective		3
Elective		3
Elective		3
	Credits	15
Second Semester		
COSD 435	Communication Sciences and Disorders Undergraduate Capstone	3
Elective		3
	Credits	15
	Total Credits	121

# **Dual Major Requirements**

# Communication Sciences and Disorders (CSD) and Spanish Double Major

The Communication Sciences and Disorders/Spanish double major aims to provide its students with the pre-clinical, linguistic, and cultural foundations, which in addition to a master's degree in speech-language pathology, are necessary to treat and work with patients that are bilingual English/Spanish, as well as those that are Spanish speakers with limited English proficiency. Those wishing to become CSD/Spanish double majors must have their Spanish assessed by a Language faculty member to begin their studies at the appropriate level. After placement, students will follow the carefully designed course sequence prepared by the CSD and Languages departments.

#### Requirements

Fulfill the requirements of the CSD major, as outlined by the Department of Communication Sciences and Disorders, and 10 Spanish courses starting at the intermediate level or higher.

#### **Minimum Requirements for Spanish**

Code	Title	Credits
SPN 205 & SPN 206	Intermediate Spanish For Nursing and Health Sciences I	6
	and Intermediate Spanish For Nursing and Heal Sciences II $^{\rm I}$	th
SPN 301 & SPN 302	Conversation and Composition I and Conversation and Composition II <sup>2</sup>	6
SPN 420	Spanish For Speech-Language Pathologists	3
SPN 421	Bilingualism in Spanish-English Speakers: Development and Disorder	3
SPN 422	Introduction to Spanish Phonetics and Phonolo	gy 3
SPN 423	Introduction to Spanish Dialectology	3
One Literature or	Culture SPN course at 300/400 level	3
Select one of the	following:	3
One 300/400 le	evel Literature or Culture Course on Latin America	а
SPN 307	Commercial Spanish	
Total Credits		

1

Students placing above the intermediate level will not take SPN 205 Intermediate Spanish For Nursing and Health Sciences I or SPN 206 Intermediate Spanish For Nursing and Health Sciences II. Instead of these intermediate courses, students will take additional 300/400 level Spanish courses to fulfill their requirements.

2

Heritage speakers of Spanish will take SPN 203 Spanish For Heritage Speakers and SPN 204 Spanish For Heritage Speakers II, Spanish for Heritage Speakers I and II, instead of SPN 301 Conversation and Composition I and SPN 302 Conversation and Composition II.

### **Minors**

 Communication Sciences and Disorders, Minor (https:// catalog.lasalle.edu/undergraduate/nursing-health-sciences/ communication-sciences-disorders/communication-sciencesdisorders-bs/communication-sciences-disorders-minor/)

# **Course Descriptions**

#### **Communication Sciences and Disorders**

COSD 100 Introduction to Language and Communication
This course presents an introduction to linguistics, which is the
study of human language and communication. Each major branch of
linguistics is surveyed with an emphasis on the structure, content, and
use of English. This course also explores language variation and the
relationship between language and culture, language and the brain,
and how children develop language. Students practice techniques for
linguistic analysis, and clinical applications to the fields of speechlanguage pathology and psychology are discussed. This class is crosslisted with PSY 242.

COSD 100P Introduction to Language and Communication
This course presents an introduction to linguistics, which is the
study of human language and communication. Each major branch of
linguistics is surveyed with an emphasis on the structure, content, and
use of English. This course also explores language variation and the
relationship between language and culture, language and the brain,
and how children develop language. Students practice techniques for
linguistic analysis, and clinical applications to the fields of speechlanguage pathology and psychology are discussed. Restriction(s): For
PreSLP Students only. Not available to CSD day students. Students must
have a minimum of a bachelor's degree

COSD 102 Introduction to Communication Disorders

This course is an introductory survey of normal process.

This course is an introductory survey of normal processes and disorders of speech, language, and hearing. The behavioral and social consequences of communication disorders in people throughout the life span are presented. Different categories, symptoms, and causes of communication disorders are examined. The roles of the Speech-Language Pathologist and Audiologist in the evaluation and treatment of communication disorders are discussed. Preferred American Speech-Language Hearing Association (ASHA) practice patterns pertaining to a variety of professional situations are surveyed. Restriction(s): CSD majors and minors

COSD 102P Introduction to Communication Disorders
This course is an introductory survey of normal processes and
disorders of speech, language, and hearing. The behavioral and social
consequences of communication disorders in people throughout the
life span are presented. Different categories, symptoms, and causes
of communication disorders are examined. The roles of the speechlanguage pathologist and audiologist in the evaluation and treatment of
communication disorders are discussed. Preferred American SpeechLanguage-Hearing Association (ASHA) practice patterns pertaining to a
variety of professional situations are surveyed. Restriction(s): For PreSLP
Students only. Not available to CSD day students. Students must have a
minimum of a bachelor's degree

#### COSD 200 Phonetics

This course involves the exploration and study of American English pronunciation through the application of the International Phonetic Alphabet (IPA). Students will be trained in transcription of English phonemes and allophones and introduced to distinctive feature analysis, phonological rules, prosodic features, and dynamics of articulation, American dialectical variants, and developmental phonology. Restriction(s): CSD majors and minors

#### COSD 200P Phonetics

This course involves the exploration and study of American English pronunciation through the application of the International Phonetic Alphabet (IPA). Students will be trained in transcription of English phonemes and allophones and introduced to distinctive feature analysis, phonological rules, prosodic features, dynamics of articulation, American dialectical variants, and developmental phonology. Restriction(s): For PreSLP Students only. Not available to CSD day students. Students must have a minimum of a bachelor's degree

#### COSD 201 Introduction to Sign Language

This course is designed for students with no previous knowledge of American Sign Language (ASL). Students will acquire basic ASL skills needed to communicate in a wide variety of situations.

COSD 202 Anatomy and Physiology of the Speech and Hearing Mechanisms

This course is designed to give students a basic understanding of the structural organization (anatomy), function (physiology), and neural control for speech production and hearing. The course will emphasize both normal and disordered systems. Restriction(s): CSD majors and minors Prerequisite(s): BIO 158 or BIO 210 or BIO 161 or permission of instructor.

COSD 202P Anatomy And Physiology of the Speech and Hearing Mechanisms

This course is designed to give students a basic understanding of the structural organization (anatomy), function (physiology), and neural control for speech production and hearing. The course will emphasize both normal and disordered systems. Two hours lecture, four hours laboratory. Restriction(s): For PreSLP Students only. Not available to CSD day students. Students must have a minimum of a bachelor's degree Prerequisite(s): BIO 158 or BIO 210 or BIO 161 and BIO 162, or BIO 164P WB, or permission of instructor.

#### COSD 203 Speech and Language Development

This course explores typical language development from birth through adolescence. The social, biological, perceptual, and cognitive bases of language are presented, and various theories of language development are compared. Students gain knowledge of the typical sequence of development in the areas of phonology, semantics, morphology, syntax, and pragmatics through language sample analysis and video observation. Other topics include bilingual language acquisition, cultural and linguistic variation, and the relationship between oral language development and literacy. Processes of typical language development are discussed as a guide for the evaluation and treatment of children with developmental language disorders. This course is cross-listed with PSY 342. Restriction(s): CSD majors and minors Prerequisite(s): COSD 100 or permission of instructor

#### COSD 203P Language Development

This course explores typical language development from birth through adolescence. The social, biological, perceptual, and cognitive bases of language are presented, and various theories of language development are compared. Students gain knowledge of the typical sequence of development in the areas of phonology, semantics, morphology, syntax, and pragmatics through language sample analysis and video observation. Other topics include bilingual language acquisition, cultural and linguistic variation, and the relationship between oral language development and literacy. Processes of typical language development are discussed as a guide for the evaluation and treatment of children with developmental language disorders. Restriction(s): For PreSLP Students only. Not available to CSD day students. Students must have a minimum of a bachelor's degree Prerequisite(s): COSD 100, COSD 100P W, or permission of instructor.

#### COSD 211 Acoustic Bases of Speech and Hearing

This course explores the physical characteristics of speech sounds and the psychophysical processes involved in speech production, hearing, and speech perception. This course introduces the physical properties of sound waves, resonance, the source-filter theory, spectrogram reading, decibels, and speech perception. Computer applications with practical implications are explored. Restriction(s): CSD majors and minors Prerequisite(s): COSD 200 or permission of instructor

#### COSD 211P Acoustic Bases of Speech and Hearing

This course explores the physical characteristics of speech sounds and the psychophysical processes involved in speech production, hearing, and speech perception. This course introduces the physical properties of sound waves, resonance, the source-filter theory, spectrogram reading, decibels, and speech perception. Computer applications with practical implications are explored. Restriction(s): For PreSLP Students only. Not available to CSD day students. Students must have a minimum of a bachelor's degree.

#### COSD 304 Introduction to Audiology

This course is a survey of the field of audiology, including the measurement of hearing and the nature and causes of hearing impairment in infants, children, and adults. Students are introduced to strategies used by audiologists and physicians in managing hearing impairment. Restriction(s): CSD majors and minors

#### COSD 304P Introduction to Audiology

This course is a survey of the field of audiology, including the measurement of hearing and the nature and causes of hearing impairment in infants, children, and adults. Students are introduced to strategies used by audiologists and physicians in managing hearing impairment. Restriction(s): For PreSLP Students only. Not available to CSD day students. Students must have a minimum of a bachelor's degree

COSD 306 Neurological Bases of Communication and Behavior This course is an examination of the structure (neuroanatomy), organization (neurophysiology), and functions of the central and peripheral nervous systems as they relate to speech, language, hearing, and cognition. Behavioral manifestations of normal and abnormal brain functioning are contrasted. Restriction(s): CSD majors and minors Prerequisite(s): COSD 202 or permission of instructor

COSD 306P Neurological Bases of Communication and Behavior This course is an examination of the structure (neuroanatomy), organization (neurophysiology), and functions of the central and peripheral nervous systems as they relate to speech, language, hearing, and cognition. Behavioral manifestations of normal and abnormal brain functioning are contrasted. Restriction(s): For PreSLP Students only. Not available to CSD day students. Students must have a minimum of a bachelor's degree Prerequisite(s): COSD 202 or COSD 202P W or equivalent, or permission of instructor.

COSD 308 Clinical Procedures in Speech-Language Pathology
This course introduces the communication sciences and disorders major
to the clinical and supervisory process. Basic information regarding
certification, professional standards, and ethics are discussed. Goal
setting, lesson planning, methods of observing, describing and recording
behavior, informal assessment and related topics are also discussed.
Behavioral observation and computer technology in the measurement
and modification of speaker/listener attributes are examined. Students
develop clinical writing skills appropriate to various speech-language
pathology settings. This course is an introduction to the clinical process
and requires observation of a wide variety of clinical cases. Restriction(s):
For CSD majors and minors Prerequisite(s): COSD 102, COSD 200, COSD
203, or permission of instructor

COSD 308P Clinical Procedures in Speech and Language Pathology This course introduces the speech-language-hearing science major to the clinical and supervisory process. Basic information regarding certification, professional standards, and ethics are discussed. Goal setting, lesson planning, methods of observing, describing and recording behavior, informal assessment, and related topics are also discussed. Behavioral observation and computer technology in the measurement and modification of speakerlistener attributes are examined. Students develop clinical writing skills appropriate to various speech-language pathology settings. This course is an introduction to the clinical practicum experience and requires observation of a wide variety of clinical cases. Restriction(s): For PreSLP Students only. Not available to CSD day students. Students must have a minimum of a bachelor's degree Prerequisite(s): COSD 102, COSD 200, COSD 203, COSD 102P W, COSD 200 P W, COSD 203 P W, or equivalents, or permission of instructor.

COSD 314 Diagnostic Procedures in Speech-Language Pathology
This course provides students majoring in Communication Sciences and
Disorders with a framework for understanding the diagnostic process
in speech-language pathology. Principles and procedures common
to the diagnosis of most communication and swallowing disorders
are presented. Students will gain practice obtaining and interpreting
assessment information including case history interviews, standardized
testing, and informal assessments. Professional report writing and the
presentation of findings are emphasized. Culturally and linguistically
responsive assessment practices are presented. The ASHA Code of
Ethics in relation to assessment procedures is discussed. Restriction(s):
CSD majors and minors Prerequisite(s): COSD 102, COSD 200, COSD 203,
or permission of instructor

COSD 314P Diagnostic Procedures in Speech and Language Pathology This course provides students majoring in Communication Sciences and Disorders with a framework for understanding the diagnostic process in speech-language pathology. Principles and procedures common to the diagnosis of most communication and swallowing disorders are presented. Students will gain practice obtaining and interpreting assessment information including case history interviews, standardized testing, and informal assessments. Professional report writing and the presentation of findings are emphasized. Culturally and linguistically responsive assessment practices are presented. The ASHA Code of Ethics in relation to assessment procedures is discussed. Restriction(s): For PreSLP Students only. Not available to CSD day students. Students must have a minimum of a bachelor's degree Prerequisite(s): COSD 102, COSD 200, COSD 203, COSD 102P W COSD 200P W, COSD 203 P W, or equivalents, or permission of instructor.

COSD 409 Multicultural Perspectives on Communication Disorders This course presents students with issues related to cross-linguistic and cross-cultural differences as they affect clinicians in the field of communication sciences and disorders. Topics include important sociolinguistic concepts, cross-cultural communication, assessment alternatives, and intervention strategies. Non-biased diagnosis and remediation of speech, language, fluency, voice, and hearing disorders among culturally and linguistically diverse groups are discussed. Restriction(s): CSD majors and minors Prerequisite(s): COSD 102, COSD 200 or permission of instructor

COSD 413 Professional Issues in Speech-Language Pathology
This course examines the organization, administration, and
implementation of speech and language pathology services in varied
settings. These settings include public and private schools; special
schools; clinics; rehabilitation hospitals and agencies; acute-care
hospitals; and private practices. The course emphasizes the professional
role of the SLP and discusses the ethical, legal, and professional
standards of practice. The impact of external pressures, e.g., fiscal
and efficacy issues, on the practice of speech-language pathology
is also addressed. Multicultural variables impacting the practice of
speech-language pathology from the legal and ethical perspectives are
discussed. Prerequisite(s): COSD 308 or permission of instructor

COSD 435 Communication Sciences and Disorders Undergraduate Capstone

This course reviews and integrates knowledge of normal human communication and contrasts it with disordered human communication and swallowing, preparing the student for graduate education. As part of the review the student will complete clinical observation hours as an introduction to the clinical practicum experience and requires observation of a wide variety of clinical cases. Goal setting, lesson planning, methods of observing, describing and recording behavior, informal assessment and related topics are also discussed. The student develops clinical writing skills appropriate to various speech-language pathology service delivery settings. This meets ILO 2.2 Students examine how their personal, professional, religious, or spiritual values inform their disciplinary worldviews. Restriction(s): CSD majors Prerequisite(s): COSD 409 and COSD 413

COSD 444 Independent Research

COSD 471 Special Topics

# **Program Contact Information**

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