# Department of Communication Sciences & Disorders

## Pre-Professional Certificate in Pre-Speech-Language Pathology

### Suggested Online Course Sequence

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### Fall Semester
- **CSD 3310** Speech Science: The Acoustical Nature of Sound and Speech 3 credits
- **CSD 3321** Clinical Phonetics and Phonology 3 credits
- **CSD 3330** Language Science 3 credits
- **CSD 3341** Audiology and Hearing Science 3 credits
- **CSD 4405** Neuroscience for Communication Disorders 3 credits (15 credits)

### Spring Semester
- **CSD 3315** Clinical Processes Pediatric *(pre-reqs: CSD 3321, 3330)* 2 credits
- **CSD 3325** Speech Sound Development & Disorders *(pre-req: CSD 3321)* 3 credits
- **CSD 3325L** Speech Sound Development & Disorders Lab 1 credit
- **CSD 3335** Language Development & Disorders *(pre-req: CSD 3330)* 3 credits
- **CSD 3350** A & P of Speech and Swallowing Mechanisms 3 credits
- **CSD 3350L** A & P of Speech and Swallowing Mechanisms Lab 1 credit
- **CSD 4417*** Interdisciplinary Evaluation Team 1 credit
- **CSD 4445** Aural Rehabilitation 3 credits (16*-17 credits)

### Summer Semester *(all classes are taken online)*
- **CSD 4420** Clinical Processes Adult *(pre-req: CSD 3315)* 2 credits
- **CSD 4460** Educational Audiology 3 credits
- **CSD 4425** SLP Methods and Applications *(pre-reqs: CSD 3315, 3325, 3335, 4420)* 2 credits (5-7 credits)

### Notes:
- *If CSD 4417 is not taken during the Pre-Professional sequence, CSD 5517 (IET) is required at the graduate level.*
- **Optional course - not required but highly recommended.**

Prior to or during the Pre-Professional year, students applying to our Master of Science in Speech-Language Pathology graduate program must show evidence of having taken the following:

- **Biological sciences:** At least a 100-level university course with a content area related to human or animal sciences: includes biology, human anatomy and physiology, neuroanatomy and neurophysiology, human genetics, and veterinary science. Must be from a Biology department. CSD Anatomy and Physiology is not acceptable.
- **Physical sciences course:** At least a 100-level university course. Must be either Physics (recommended) or Chemistry.
- **Statistics:** At least a 100-level university course. An acceptable description would include topics such as descriptive statistics, probability, inferential, correlation, and regression, measures of central tendency, t-tests, ANOVA, and hypothesis testing for one and two parameters. The course may be under Math, Statistics, Psychology, or Business as long as it meets the above criteria. **If your statistics course is older than 10 years, it is highly recommended you retake it.**
- **Social/Behavioral Sciences course:** At least a 100-level university course. Includes Psychology, Sociology and Anthropology

A background in Sign Language is strongly encouraged. ISU does not currently offer Sign Language online; students are encouraged to seek courses within their communities. There is not a specific course required, but basic sign language skills are beneficial to you as a communication professional.

Successful completion of the Pre-Professional Certificate Program does **NOT** ensure the student a seat in the Master of Science in Speech-Language Pathology Graduate Program. Students must apply by February 1st of the year he/she would like to enter the Master’s Program. Please visit our website for application instructions - [https://www.isu.edu/slp/graduate-program/apply/](https://www.isu.edu/slp/graduate-program/apply/).