

# COMMUNICATION SCIENCES AND DISORDERS, PHD

## REQUIREMENTS

### MINIMUM GRADUATE SCHOOL REQUIREMENTS

Review the Graduate School minimum degree requirements (<https://guide.wisc.edu/graduate/#requirements>) and policies (<https://guide.wisc.edu/graduate/#policies>), in addition to the program requirements listed below.

### MAJOR REQUIREMENTS

#### MODE OF INSTRUCTION

Face to Face	Evening/ Weekend	Online	Hybrid	Accelerated
Yes	No	No	No	No

#### Mode of Instruction Definitions

**Accelerated:** Accelerated programs are offered at a fast pace that condenses the time to completion. Students typically take enough credits aimed at completing the program in a year or two.

**Evening/Weekend:** Courses meet on the UW–Madison campus only in evenings and/or on weekends to accommodate typical business schedules. Students have the advantages of face-to-face courses with the flexibility to keep work and other life commitments.

**Face-to-Face:** Courses typically meet during weekdays on the UW–Madison Campus.

**Hybrid:** These programs combine face-to-face and online learning formats. Contact the program for more specific information.

**Online:** These programs are offered 100% online. Some programs may require an on-campus orientation or residency experience, but the courses will be facilitated in an online format.

### CURRICULAR REQUIREMENTS

#### Requirement Detail

Minimum Credit Requirement	54 credits
Minimum Residence Credit Requirement	54 credits
Minimum Graduate Coursework Requirement	27 credits must be graduate-level coursework. Refer to the Graduate School: Minimum Graduate Coursework (50%) Requirement policy: <a href="https://policy.wisc.edu/library/UW-1244">https://policy.wisc.edu/library/UW-1244</a> ( <a href="https://policy.wisc.edu/library/UW-1244/">https://policy.wisc.edu/library/UW-1244/</a> ).

Overall	3.00 GPA required.
Graduate GPA Requirement	Refer to the Graduate School: Grade Point Average (GPA) Requirement policy: <a href="https://policy.wisc.edu/library/UW-1203">https://policy.wisc.edu/library/UW-1203</a> ( <a href="https://policy.wisc.edu/library/UW-1203/">https://policy.wisc.edu/library/UW-1203/</a> ).

Other Grade Requirements n/a

**Assessments and Examinations** A First Project (a master's–thesis-level research paper; consult program for details) is required. Doctoral students are required to take a comprehensive preliminary/oral examination after they have cleared their record of all Incomplete and Progress grades (other than research and thesis). Deposit of the doctoral dissertation in the Graduate School is required.

Language Requirements None.

**Graduate School Breadth Requirement** All doctoral students are required to complete a doctoral minor or graduate/professional certificate. Refer to the Graduate School: Breadth Requirement in Doctoral Training policy: <https://policy.wisc.edu/library/UW-1200> (<https://policy.wisc.edu/library/UW-1200/>).

### REQUIRED COURSES

The plan of study must encompass an area of specialization chosen from speech pathology, audiology, language disorders, and normal aspects of speech, hearing and language. Although there are no specific course requirements for the major, the study plan should be comprehensive in scope and should be tailored according to the student's research and academic needs. Students must also satisfy a core requirement by taking the following seminar/courses:

Code	Title	Credits
<b>Grant Writing</b>		
Students will prepare a grant application, focused on NIH grant application requirements and guidance by completing the following course for 3 credits:		
CS&D 900	Seminar–Speech Science (Grant Writing)	3
<b>Statistical Methods<sup>1</sup></b>		
		9
All doctoral students are expected to become proficient in statistical methods. Students are required to complete at least 9 credits of statistical methods. A course on research methods or experimental design may satisfy part of the Statistical Methods requirement, in addition to satisfying the Research Methodology requirement (described below). Many students satisfy the Statistical Methods requirement by taking courses in the Educational Psychology (ED PSYCH) or the Statistics (STAT) department. Example courses include, but are not limited to:		
B M I/STAT 541	Introduction to Biostatistics	
STAT/ F&W ECOL 571	Statistical Methods for Bioscience I	
ED PSYCH 760	Statistical Methods Applied to Education I	

#### Research Methodology

Students must complete 3 credits of research methodology. This may include an independent study/directed readings course or a course from outside of the department focused broadly on something related to research methods, depending on the particular student interest. Example courses include, but are not limited to:

B M I/STAT 542	Introduction to Clinical Trials I	3
PSYCH 610	Design and Analysis of Psychological Experiments I	
ED PSYCH 762	Introduction to the Design of Educational Experiments	

### Professional Seminar

Students must complete 2 credits of the following course for 4 semesters. Students are expected to attend the weekly prosemin lectures and attend any doctoral student discussion groups associated with the weekly lectures.

CS&D 900	Seminar-Speech Science (Prosem)	8
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### Teaching Methods

The form of the teaching credit should be discussed with the major advisor and must have the advisor's approval. Examples include:

- Seminar taught within or outside the department
- Independent study with advisor that involves lecturing or developing course materials or student projects
- Independent study with major advisor involving reading and discussing scholarly writings that concern teaching

### Electives

To satisfy the minimum credit requirement, students complete 30 credits. Electives can be any course numbered 300 or above offered at UW-Madison that fits within the course plan that the student and advisor create.

**Total Credits** **54**

<sup>1</sup> Statistical Methods: For instance, a rigorous and worthwhile statistics sequence could be STAT/F&W ECOL 571 Statistical Methods for Bioscience I and STAT/F&W ECOL 572 Statistical Methods for Bioscience II plus an experimental design class, such as ED PSYCH 762 Introduction to the Design of Educational Experiments.

## Core Requirement: Seminars

Code	Title	Credits
<b>PhD Core Course Offerings</b>		
CS&D 900	Seminar-Speech Science (4 semesters, 2 cr. each semester)	2
CS&D 900	Seminar-Speech Science (Grant Writing)	3
CS&D 999	Independent Studies (Teaching Methods)	1 or audit