

# COMMUNICATION SCIENCES AND DISORDERS PHD

For details on PhD in CSD degree requirements, please refer to the program handbook (<https://phdcsd.northwestern.edu/program/>).

## Degree Requirements

The following requirements are in addition to, or further elaborate upon, those requirements outlined in The Graduate School Policy Guide (<https://catalogs.northwestern.edu/tgs/academic-policies-procedures/>).

## Course Requirements

**Total Units Required:** 11 didactic, 1 ethics (non-credit bearing), 3 lab experiences, 3 independent studies

### PhD Didactic Courses

Course	Title
<b>Research Foundations in Communication Sciences and Disorders</b>	
CSD 550-1	Research Foundations in Communication Sciences and Disorders (Scientific Thinking)
CSD 550-2	Research Foundations in Communication Sciences and Disorders (Experimental Design)
CSD 550-3	Research Foundations in Communication Sciences and Disorders (Scientific Communication)
<b>Statistics</b>	
CSD 404-1	Experimental Design and Statistics in Communication Sciences and Disorders
CSD 404-2	Experimental Design and Statistics in Communication Sciences and Disorders
<b>Other Core Courses</b>	
CSD 412-0	Scientific Writing
CSD 544-0	Responsible Conduct of Research in Communication Sciences and Disorders
CSD 545-0	Seminar: Professional Development
<b>Content Courses (2 required)</b>	
<b>Topic Seminars (2 required)</b>	

### PhD Research Courses

Course	Title
<b>Laboratory Experiences</b>	
CSD 552-1	Laboratory Experiences in Communication Sciences and Disorders
CSD 552-2	Laboratory Experiences in Communication Sciences and Disorders
CSD 552-3	Laboratory Experiences in Communication Sciences and Disorders
<b>Independent Study (related to Qualifying Research Project)</b>	
CSD 499-0	Independent Study (for 3 quarters)

## Other PhD Degree Requirements

- **Attendance at Scientific Lectures:** four scientific lectures per quarter
- **Non-Course Assignments:** teaching assistantships and/or research assistantships
- **Research Presentation:** oral presentation of ongoing work at Annual Doctoral Student Research Presentation Days
- **Qualifying Research Project (QRP):** a minimum of three quarters of independent study; proposal, paper, exam, and defense
- **Doctoral Dissertation:** prospectus and prospectus meeting prior to conducting dissertation research project; paper and defense at the conclusion of the dissertation research project