

# SPEECH-LANGUAGE PATHOLOGY DOCTORATE (SLPD)

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## Courses

### **SLPD 550. Advanced Seminar in Neuroanatomy and Neuroscience. 3 Units.**

Provides in-depth information on the role played by the brain in speech and language. Reviews functional neuroanatomy as an introduction to the following topics: functional commitment, neuroplasticity, long-term potentiation, etc. Informs clinical best practice by focusing on the complexity of the brain with regard to cognitive and motor function, and by providing background on functional brain imaging research.

### **SLPD 570. Special Topics in Speech-Language Pathology. 3 Units.**

Provides an in-depth look at a variety of topics in the field. Topics selected by faculty with input from students may include dysphagia, autism, dysfluency, bilingualism, etc. Students critically examine current research in the topic area in order to determine best practice. May be repeated for additional credit.

### **SLPD 580. Clinical Issues in Speech-Language Pathology. 3 Units.**

Topics covered include clinical supervision, administration, and starting/managing an independent clinic; as well as ethics and counseling. Focuses on interprofessional collaboration both within the allied health professions (e.g., occupational or physical therapy) and beyond (for either education or medical contexts). Students comment in online discussions on case studies.

### **SLPD 600. Components of Clinical Inquiry. 3 Units.**

Focuses on skills fundamental to critical evaluation of the strength of scientific research. Covers elements of research design important to the validity of a study and identification of flaws in design and conclusions.

### **SLPD 610. Capstone IRB Proposal. 4 Units.**

Provides instruction in developing an individual research proposal, completing Institutional Review Board (IRB) training, and successfully submitting a proposal to the IRB. Emphasizes reflective discussions of research interests and experiences, planning, conceptual framework, proposed methodology, and data analysis. Includes interprofessional peer reviews throughout the course.

### **SLPD 621. Capstone Planning. 3 Units.**

Instructs students in how to design their capstone project with guidance from the primary course instructor. Emphasizes identification of a focus area, objectives, goals, outcomes, on-site mentor, faculty mentor, and time frame.

### **SLPD 622. Capstone Proposal. 2 Units.**

Provides framework for developing and submitting a proposal to the student's research advisor(s) for final approval. Prerequisite: SLPD 621.

### **SLPD 623. Capstone II. 3 Units.**

Continues the capstone project, requiring students to complete a needs assessment and program development. Provides information in data collection, data management techniques, and introduction to various data analysis strategies. Prerequisite: SLPD 622.

### **SLPD 624. Capstone III. 3 Units.**

Continues with remaining data collection and beginning data analyses for capstone project. Prerequisite: SLPD 600, 610, 621, 622, 623.

### **SLPD 625. Capstone IV. 3 Units.**

Requires final implementation of aspects of the capstone. Requires student to prepare a manuscript and participate in online critical discussions with classmates. Prerequisite: SLPD 623.

### **SLPD 626. Dissemination of Research. 3 Units.**

A culmination course in which students complete their manuscript and perform an oral presentation for their completed research project. Prerequisites: SLPD 600, 610, 621, 622, 623, 624, 625.