Cognitive Science of Language, Graduate Certificate

Requirements

The graduate Certificate in Cognitive Science of Language requires a minimum of 12–15 s.h. of graduate credit. Designed to complement doctoral study, the certificate program is open to University of Iowa PhD students in linguistics, neuroscience, psychology, and speech and hearing science. PhD students in other disciplines may petition to be permitted to earn the certificate. Students must complete a formal application to enter the certificate program; they should contact the program’s coordinator before they apply.

The certificate program ensures that students have training in interdisciplinary approaches to the study of language along with a strong theoretical grounding in their PhD discipline. Certificate students work with their PhD advisor and the certificate program’s coordinator to develop an individual plan of study that complements their degree program and career interests. In order to be granted the Certificate in Cognitive Science of Language, students must complete all of the requirements of their PhD program as well as all of the certificate requirements.

Certificate students must participate in the cognitive science of language proseminar, a two-semester (6 s.h.) survey course on the five major disciplines within the language sciences—psychology, formal linguistics, neuroscience, communication disorders, and computational approaches. They also must complete three courses on cognitive science or language outside their field of study. Students can choose from the approved courses in the lists below, or they can petition the program for other courses. Students may enroll in the proseminar and three additional courses before or concurrently with other courses in their programs.

Students must include a faculty member from the Cognitive Sciences of Language Program on their PhD comprehensive and dissertation exam committees.

The Certificate in Cognitive Science of Language requires the following coursework.

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Proseminar

Course # | Title | Hours
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Both of these: PSY:6101/CSD:6101/ LING:6101 Proseminar I | 3 |
PSY:6102/CSD:6102/ LING:6102 Proseminar II | 3 |

Disciplinary Courses

Students take at least 6–9 s.h. from the following lists (typically three courses).

Communication Sciences and Disorders

Course # | Title | Hours
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CSD:3116/ LING:3116 | Basic Neuroscience for Speech and Hearing | 3 |
CSD:4145 | Developmental Language Disorders | 3 |
CSD:5146 | Neurogenic Disorders of Language | 3 |
CSD:5233 | Aphasia | 2 |
CSD:5256 | Anatomy and Physiology of Hearing | 3-4 |
CSD:5282 | Phonological Development and Disorders | 2 |
CSD:6230 | Psychoacoustics | 2-3 |
CSD:6538 | Advanced Topics in Speech, Language, and Hearing Research | 1 |

Linguistics

Course # | Title | Hours
---|---|---
LING:3030 | Child Language-Linguistic Perspectives | 3 |
LING:4090 | Practical Phonetics | 3 |
LING:5010/SLA:5010 Introduction to Syntax (requires a corequisite course which does not count toward the certificate) | 3 |
LING:5020/SLA:5020 Introduction to Phonology | 3 |
LING:6050 | Language Universals Linguistic Typology | 3 |
LING:6080/SLA:6452 Topics in Second Language Acquisition | 3 |

Psychological and Brain Sciences

Course # | Title | Hours
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PSY:3670/LING:3670 | Language Processes | 3 |
PSY:7610 | Seminar: Cognitive Psychology | 2-3 |

Spanish and Portuguese

Course # | Title | Hours
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SPAN:4100/ SLA:4301 | Introduction to Spanish Phonology | 3 |
SPAN:4150/ SLA:4300 | Introduction to Spanish Syntax | 3 |
SPAN:6110/ SLA:6303 | Spanish Phonology | 3 |
SPAN:6120/ SLA:6304 | Spanish Syntax | 3 |
SPAN:6150/ SLA:6301 | Topics in Spanish Language Acquisition | 3 |