

# 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 must also complete three courses on cognitive science or language outside their field of study. Students can choose from the approved courses in the following lists, 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.

Requirements	Hours
Proseminar	6
Disciplinary Courses	6-9

## Proseminar

Course #	Title	Hours
Both of these:		
PSY:6101/ CSD:6101/ LING:6101	Cognitive Science of Language Proseminar I	3
PSY:6102/ CSD:6102/ LING:6102	Cognitive Science of Language 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
CSD:3116/ LING:3116	Basic Neuroscience for Speech and Hearing	3
CSD:3118/ LING:3118	Language Acquisition	1-3
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	Clinical Phonology and Speech Sound 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
LING:7090/ SLA:7404	Seminar: Problems in Linguistics	2-3

## Psychological and Brain Sciences

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

## Spanish and Portuguese

Course #	Title	Hours
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