

### **LING 3800 Topics: Formal Foundations of Linguistics**

This course is an introduction to the formal and mathematical foundations of language study. The course is designed specifically for linguistics students with no prior mathematical background. The purpose is to provide an overview of significant applications of formal methods widely employed in different subfields of linguistics, such as phonetics, phonology, syntax, semantics, and computational linguistics. The course covers four major areas: (1) foundations, including set theory, relations, and functions; (2) logic, including propositional logic, predicate logic, and lambda calculus; (3) formal language theory and (4) probability and statistics. The course approaches each area from a theoretical perspective and then explores through examples how each concept is used in different areas of linguistics.

Instructor: Mans Hulden

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### **LING 3800 Topics: Introduction to Teaching English as a Second Language**

Provides an introduction to teaching English as a foreign (additional) language. Examines language awareness and basic principles and techniques in the teaching, learning and assessing of language skills. Considers teaching in different contexts and for different purposes, and assessing learner needs and outcomes. Practical applications include learning to use student EFL/ESL texts, planning lessons, managing the learning environment, and applying learning in mini lessons. Prerequisites: The course assumes some background in linguistics, foreign languages, English, Education, or Communication. Other interested students may contact the linguistics undergraduate advisor: Deanna.Fierman@colorado.edu.

Instructor: Maria Thomas-Ruzic

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### **LING 3800 Topics: Introduction to Teaching English Pronunciation**

Provides an introduction to teaching North American English (NAE) pronunciation to non-native speakers. Examines the speech sounds (phonetics), and sound patterns (phonology) including patterns of stress, rhythm and intonation (prosody) of NAE. Students examine principles and engage in techniques for teaching pronunciation skills to speakers of other languages. The course assumes some background in linguistics, foreign languages, English, Education, or Communication. Other interested students may contact the linguistics undergraduate advisor: Deanna.Fierman@colorado.edu.

Instructor: Charl Norloff