

PhD electives in Linguistics, Spring 2021

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SOLAR-listed Schedule

LIN 532 (Second Language Acquisition)	-----Luchkina	----T/Th 4:45-6:05 pm
LIN 539 (Math Methods in Linguistics)	-----Antonenko	---M/W 4:25-5:45 pm
LIN 542 (Sociolinguistics)	-----Hoberman	----Thurs 6:30-9:20 pm
LIN 600 (Prof Development)	-----Hoberman	---Wed 11:45 am-12:40 pm
LIN 621 (Syntax 2)	-----Ordoñez	----T/TH 1:15-2:35 pm
LIN 623 (Phonology 2)	-----Heinz	----M/W 2:40-4:00 pm
LIN 624 (Morphology)	-----Aronoff	----M 1-2:20 pm; Th 10-11:20 am
LIN 625 (Semantics)	-----Yun	----T/Th 3:00-4:20
LIN 637 (Computational Linguistics 2)	-----Heinz	----M/W/F 9:15-10:10 am
LIN 653 (Seminar: Language Contact Phonology)	---Broselow	----T/Th 4:45-6:05 pm
LIN 655 (Seminar: Arabic NLP)	-----Rambow	----T/Th 11:30 am-12:50 pm

Descriptions

LIN 532* (SLA) (Luchkina) (T/Th 4:45-6:05 pm) **(online synchronous)**

The study of second language acquisition by adults and children. This course covers the historical development of the field as well as issues in the current SLA research and theory.

LIN 539 (Math Methods) (Antonenko) (M/W 4:25-5:45 pm) **(online synchronous)**

LIN 542* (Socioling) (Hoberman) (Th 6:30-9:20 pm) **(online synchronous)**

An introduction to topics in sociolinguistics, with particular reference to how these topics apply in education. Exploration of the interactions between language, ideology, and society, focusing on linguistic variation connected to gender, class, ethnicity, and national origin.

LIN 600 (Prof Development) (Hoberman) (Wed 11:45-12:40) **(online synchronous)**

This is a required course for first-year students in the PhD program. Its purpose is to give you some of the basics of how to succeed in graduate school and become a professional in the field of linguistics. Topics include responsible conduct in research and scholarship, ethics of research and publishing, how to write like a linguist, mentor-mentee issues, international-student issues, and other topics according to the students' interests and concerns. In addition to attending class and doing the assigned readings, the requirements are to present your work-in-progress to the class and to attend our department's colloquia, brown-bag talks, and other talks by visiting researchers.

LIN 621 (Syntax 2) (Ordoñez) (T/TH 1:15-2:35 pm) **(online synchronous)**

Description: This course is the continuation of Syntax 1 (LIN 521, or LIN 211) and for some it is a seminar., with emphasis on the historical development and current status of the generative theory of syntactic knowledge and investigating its empirical consequences and current directions. Particular attention is paid to theoretical debates and to questions of empty categories and ellipsis.

The course assumes familiarity with basic notions of constituency, phrase structure, X' structure, Case theory, Theta theory, Control theory, kinds of movement (Raising, Passive, WH/Top, Head Movement), movement constraints and binding. Students should consider this course transitional to a stage where they are fully engaged in original research in syntactic theory. For that reason, the course will involve active development of essential research skills in syntax: discovering and gathering

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reading materials, reading, digesting and summarizing research articles, preparing reading lists on relevant topics, gathering data from unfamiliar languages, giving short presentations, and, of course, writing a research paper on a topic of the student's choice, with an accompanying abstract, to be developed over the course of the semester.

Requirements: The most important component of the course, besides each student's ongoing research project, will be careful readings of book chapters and articles and in-class discussion of the analyses and their implications for the theory of grammar as a whole. There will also be problems sets, and various short writing assignments.

LIN 623 (Phonology 2) (Heinz) (M/W 2:40-4:00 pm) (online synchronous)

A study of recent developments in phonological theory, with particular attention to phonological representation.

LIN 624 (Morphology) (Aronoff) (M 1-2:20 pm; Th 10-11:20 am) (online synchronous)

LIN 625 (Semantics) (Yun) (T/Th 3:00-4:20) (online synchronous)

This course is an introduction to the formal analysis of natural language semantics, particularly within the framework of generative grammar. It aims to help students develop the ability for semantic analysis essential for their own research. During the course, students will gain hands-on experience with semantic analysis by exploring selected topics in detail, such as predication, modification, conjunction, negation, and quantification.

LIN 637 (Computational Linguistics 2) (Heinz) (M/W/F 9:15-10:10 am) (online synchronous)

An introduction to the theoretical foundation of computational linguistics. The course emphasizes the importance of algorithms, algebra, logic, and formal language theory in the development of new tools and software applications. Empirical phenomena in phonology and syntax are sampled from a variety of languages to motivate and illustrate the use of concepts such as strictly local string languages, tree transducers, and semirings. Students will develop familiarity with the literature and tools of the field.

LIN 653 (Seminar: Language Contact Phonology) (Broselow) (T/Th 4:45-6:05 pm) (online synchr)

When speakers are exposed to a new language, they are often confronted with structures that they have not previously encountered, and the ways in which they produce and perceive these new structures may provide insight into the nature of their native language grammars as well as potential universal biases. We will consider data along the continuum of language contact, ranging from the adaptation of borrowed words by speakers with no prior knowledge of the lending language through the behavior of true bilinguals.

LIN 655 (Seminar: Arabic NLP) (Rambow) (T/Th 11:30 am-12:50 pm) (online synchronous)

An introduction to Arabic Natural Language Processing (NLP). Arabic is an interesting language with complex morphology and dialectal variation, both of which pose problems for standard approaches to NLP. The course will cover linguistic facts of Arabic, existing corpus resources, and existing computational solutions to standard problems such as morphological analysis, morphological tagging, syntactic parsing, and application topics such as sentiment analysis.