



**PhD electives in Linguistics, Fall 2021**

LIN 521 (Syntax 1)	Ordoñez	T/Th 3:00-4:20 pm
LIN 522* (Phonetics)	Luchkina	T/Th 4:45-6:05 pm
LIN 523 (Phonology 1)	Repetti	M/W 8:30-9:50 am
LIN 527* (Structure of English)	Kaufman	Wed 4:25-7:25 pm
LIN 530* (Grad Intro to Linguistics)	Larson	M/W 7:50-9:10 pm
LIN 537 (Computational Linguistics 1)	Kodner	T/Th 4:45-6:05 pm
LIN 539 (Math Methods in Linguistics)	Graf	M/W/F 10:30-11:25 am
LIN 541* (Bilingualism)	Luchkina	Thurs 6:30-9:25 pm
LIN 650 (Seminar: Field Methods)	Taherkhani	T/Th 6:30-7:50 pm
LIN 651 (Syntax Seminar: The Syntax of Inversion)	Bailyn	Wed 4:25-7:25 pm
LIN 653 (Phonology Seminar:)	Heinz	T/Th 3:00-4:20 pm
LIN 655 (Computational Seminar: XXX)	Kodner	Mon 4:25-7:25 pm

\*primarily intended for MA students

**LIN 521 (Syntax 1) (Ordoñez) T/Th 3:00-4:20 pm**

Syntax I is an introduction to Generative Syntax on the doctoral level. Such a course naturally has (at least) a triple purpose: (i) To teach the tools of the syntactic trade – data gathering and generalization, theory formation, and the many forms of hypothesis testing, especially those involving applying independently observed regularities to more and more phenomena in more and more languages (ii) To motivate prevailing analyses of standard syntactic phenomena in various languages (and relate them to typological counterparts, that is, to analyze variation as well as universality) (iii) To review major intellectual turns in the history of the field, following the course of generative syntactic theory from its outset in 1957, through Government and Binding Theory into Minimalism, with discussion of Generative semantics, Cartography

**LIN 522\* (Phonetics) (Luchkina) T/Th 4:45-6:05 pm**

A study of articulatory phonetics and the international phonetic alphabet, with intensive practice in phonetic transcription from a wide variety of languages. Acoustic phonetics, speech perception, and the applications of phonetics to foreign language teaching.

**LIN 523 (Phonology 1) (Repetti) M/W 8:30-9:50 am**

An introduction to the formal study of sound patterns. Problems from various languages serve as the basis for developing a theory of the representation of sound structure.

**LIN 527\* (Structure of English) (Kaufman) Wed 4:25-7:25 pm**

A description of the major sentence elements, subsystems, and productive grammatical processes of English. The justification of grammatical categories, interaction between systems and processes, and notions of standard and correctness are discussed with a view to their application in the ESL classroom.

**LIN 530\* (Grad Intro to Linguistics) (Larson) M/W 7:50-9:10 pm**

An introduction to modern linguistics. Topics to be covered include: expression-building (words & phrases), externalization (oral/aural & manual/visual channels), interpretation (semantics & pragmatics), language growth, language variation and language change.

**LIN 537 (Computational Linguistics 1) (Kodner) T/Th 4:45-6:05 pm**

A hands-on introduction to practical aspects of computational linguistics. Students learn how to perform common tasks such as tagging and tokenization with a state-of-the-art programming language. Topics include basic data structures and algorithms, n-gram models, regular expressions, and corpus linguistics.

**LIN 539 (Math Methods in Linguistics) (Graf) M/W/F 10:30-11:25 am**

An overview of the mathematical foundations of theoretical and computational linguistics. Topics covered include set theory, morphisms, logic and model theory, algebra, lattices, lambda calculus, probability theory, information theory, and basics of formal language theory. A strong emphasis is put on the linguistic application of the mathematical concepts in the student and analysis of natural language data.

**LIN 541\* (Bilingualism) (Luchkina) Thurs 6:30-9:25 pm**

Study of the social, linguistic, educational, and psychological aspects of bilingualism.

**LIN 650 (Seminar: Field Methods) (Taherkhani) T/Th 6:30-7:50 pm****LIN 651 (Seminar: The Syntax of Inversion) (Bailyn) Wed 4:25-7:25 pm**

In this seminar, we will examine the syntax of various "inversion" constructions, found in many languages, those in which some VP-internal (or small clause-internal) phrase appears in pre-verbal position, followed by the verb and then the subject. The constructions include Locative Inversion, Predicate Inversion, Quotative Inversion, certain cleft and expletive constructions, OVS constructions in SVO languages, and others. We will examine the core properties of these constructions – and look at various analyses throughout the history of generative grammar of how Inversion constructions are derived.

**LIN 653 (Seminar: Representation in Phonology) (Heinz) T/Th 3:00-4:20 pm**

Phonological representations play key roles in our understanding of phonological generalizations in languages. We will study a variety of representations in phonology and its interfaces, particularly with phonetics and morphology. We will aim to understand how the choice of representation impacts phonological analyses in a variety of frameworks. This class will be research-oriented and guided by students' particular interests.

**LIN 655 (Seminar: Computational Approaches to Morphology Acquisition) (Kodner)**

Mon 4:25-7:25 pm

An overview of the acquisition of morphology as a computational problem. Topics covered will include a characterization of the primary linguistic data, stages that child learners go through as they acquire their morphologies, and learning algorithms that have been proposed for various aspects the acquisition process, including segmentation, inflection, and paradigm discovery.