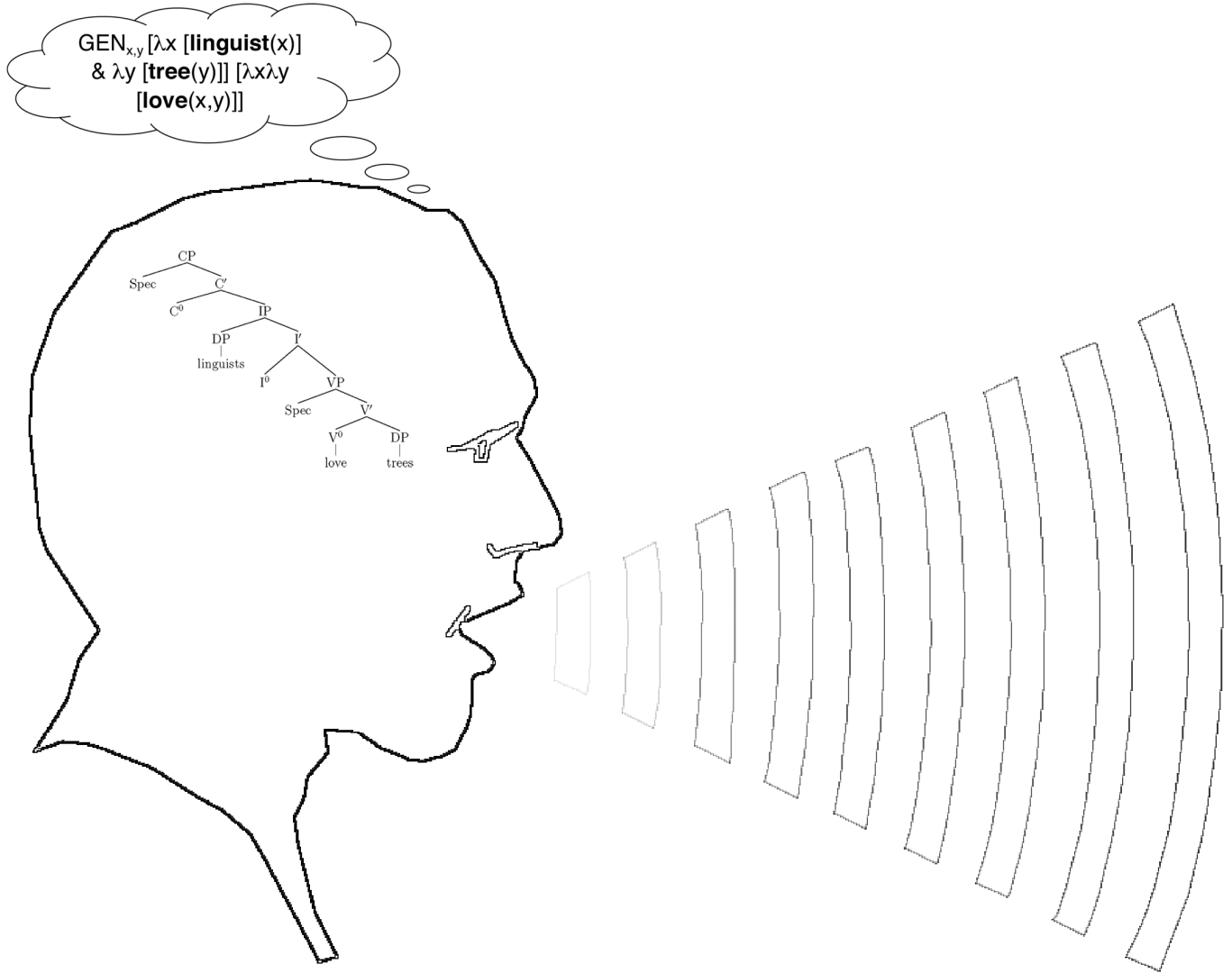


Department of Linguistics
Yale University



Graduate and Undergraduate
Course Catalogue
2007-2008

Department of Linguistics
 Yale University
 370 Temple Street
 PO Box 208366
 New Haven, CT 06511

Chair		
Stephen Anderson	200	432-2456
DGS (fall)		
Stanley Insler	HGS 323	432-2455
DGS (spring)		
Maria Pinango	307	432-4145
DUS		
Laurence Horn	208	432-2457
Registrar		
Chris McDaniel	204	432-2450

Course Catalogue Legend:
 a Fall Term Course
 b Spring Term Course

The absence of "a" and "b" indicates a year long course

Faculty

PROFESSORS

Stephen Anderson
Carol Fowler (*Adjunct*)
Roberta Frank
Laurence Horn
Stanley Insler
Frank Keil
Zoltán Szabó

ASSOCIATE PROFESSORS

Ann Biersteker (*Adjunct*)
Maria Piñango

ASSISTANT PROFESSORS

Maria Babyonyshev
Ashwini Deo
Gaja Jarosz
Darya Kavitskaya
Jelena Krivokapić

SENIOR LECTOR

Seema Khurana

LECTURES

Itamar Francez
Dianne Jonas
Nihan Ketrez

INTRODUCTORY COURSES**LING 100b****World Englishes****Dianne Jonas**

TTh 11.35-12.50

Assessment of the spread of English throughout the world, through the examination of geographically distinct varieties of English. Topics include differences in pronunciation, vocabulary and grammar; sociolinguistics of English as an international language; standard Englishes and the historical factors that gave rise to varieties; and the impact of English on indigenous languages.

LING 110b/510b**Introduction to Linguistics****Darya Kavitskaya**

TTh 1.00-2.15

The goals and methods of linguistics. Basic concepts in phonology, morphology, syntax, and semantics. Techniques of linguistic analysis and construction of linguistic models. Trends in modern linguistics. The relations of linguistics to psychology, logic, and other disciplines.

LING 111a/LITR 150a**Sanskrit Classics in Translation****Stanley Insler**

T 9:25-11:15

A close reading and discussion of secular works in Sanskrit set against the cultural history of Old India. Texts included are novellas from the Mahābhārata Epic, fable literature, lyrical narratives, plays, lyric and didactic poetry, the first Indian novels

LING 112a/512a**Historical Linguistics****Ashwini Deo**

MW 11.35-12.50

Types of change that a language undergoes in the course of time: sound change, analogy, syntactic and semantic change, borrowing. Techniques for recovering earlier linguistic stages: philology, internal reconstruction, the comparative method. Language change and linguistic theory. The role of language contact in language change.

LING 117a/517a/PSYC 137a**Psycholinguistics****Maria Piñango**

TTh 11:30-12:45

Knowledge of language as a component of the mind: mental grammars, the nature and subdivisions of linguistic knowledge in connection to the brain. The logical problem of language acquisition. The “universal grammar hypothesis,” according to which all humans have an innate ability to acquire language. The connection between language acquisition and general cognitive abilities. *Offered in Beijing China. For application procedures see under Peking University-Yale University Joint Undergraduate Program.*

LING 120a/520a/PSYC 318a**General Phonetics****Jelena Krivokapić**

MW 2.30-3.45

Investigation of possible ways of describing the speech sounds of human languages. Tools to be developed: acoustics and physiology of speech; computer synthesis of speech; practical exercises in producing and transcribing sounds.

LING 132a/532a Introduction to Phonological Analysis Darya Kavitskaya
TTh 11.35-12.50

The structure of sound systems in particular languages. Phonemic and morphophonemic analysis, distinctive-feature theory, formulation of rules, and problems of rule interpretation. Emphasis on problem solving.

LING 135b/535b Phonological Theory Gaja Jarosz
TTh 1.00-2.15

Topics in the architecture of a theory of sound structure. Levels of representation; classical phonological rules and their interaction. Ordering paradoxes; cyclicity and Lexical Phonology. Motivations for replacing a system of rules with a system of constraints. Optimality theory: constraint types and their interactions. Correspondence theory. Opacity and stratal OT.
Prerequisite: LING 132/532 or permission of instructor.

LING 141a/541a/PSYC 327a Language and Computation Gaja Jarosz
TTh 4.00-5.15

The computational study of natural language and the use of linguistic theories in applied problems. Topics include finite state tools, computational morphology and phonology, grammar and parsing, discourse models, machine translation, and language learning in children and machines. Prerequisite: consent of instructor.

LING 146b/546b/PSYC 329b Language, Sex & Gender Laurence Horn
MW 1.00-2.15

Sex-based asymmetries in language structure and language use. Role of language as encoding/reflecting/reinforcing social attitudes and behavior; the Whorfian question. The "he/man" lexicon: sex-marking, reform, and resistance. Gender and sexual diversity as linguistic variables. Real and perceived differences between male and female dialects, conversational styles, and linguistic communities.

LING 149b Communication and Language Abilities in Animals Stephen Anderson
MW 11.35-12.20

Examination of animal communication systems found in nature, including those of honeybees, frogs, birds, and primates. Comparison of these systems with human language. Evaluation of efforts to find or induce specifically linguistic abilities in a variety of animals leading to conclusions about animals' cognitive capacities.

LING 150b/ENGL 150b, Old English Roberta Frank
MW 2.30-3.45

An introduction to the literature and culture of earliest England. A selection of prose and verse, including riddles, heroic poetry, meditations on loss, a dream vision, and excerpts from *Beowulf*, are read in the original old English.

LING 153a/553a**Syntax I****Dianne Jonas**

TTh 1.00–2.15

An introduction to the syntax (sentence structure) of natural language. Introduction to generative syntactic theory and key theoretical concepts. Syntactic description and argumentation. Topics include phrase structure, transformations, and the role of the lexicon.

LING 180b/580b**Morphology****Maria Piñango**

TTh 11:35–12.50

The theory of word structure within a formal grammar. Relation to other areas of grammar (syntax, phonology); basic units of word structure; types of morphology (inflection, derivation, compounding). *Prerequisites: LING 132/532 and LING 153/553, or permission of instructor.*

LING 190a/590a**Topics in the History of Linguistics: The Linguistic Wars****Laurence Horn**

T 3.30-5.20

Controversies in the history of generative grammar in the late 1960s and 1970s, focusing on the struggle between generative semanticists (Lakoff, Ross, McCawley, Postal) and adherents of Chomsky's "Extended Standard Theory" paradigm. Echoes of those disputes in more recent clashes between formal and functional approaches to language.

ADVANCED COURSES**LING 214b/614b/AFST 162b****Structure of Yorùbá****Oluseye Adesola**

TTh 4.00-5.15

Examination of selected grammatical topics in Yorùbá, including word order, constituent structure, serial verb constructions, nominalization, focus constructions, and tense marking. Discussion of broader issues of typology, language acquisition, and language universals. *Prerequisite: LING 153.*

LING 231a/631a/PSYC 331a**Neurolinguistics****Maria Piñango**

TTh 1:00–2.15

The study of language as a cognitive neuroscience. The interaction between linguistic theory and neurological evidence from brain damage, degenerative diseases (e.g., alzheimers disease), mental illness (e.g., schizophrenia), neuroimaging and neurophysiology. The connection of language as a neurocognitive system to other systems such as memory and music. *Offered in Beijing China. For application procedures see under Peking University-Yale University Joint Undergraduate Program.*

LING 231b/631b/PSYC 331b**Neurolinguistics****Maria Piñango**

TTh 1:00–2.15

The study of language as a cognitive neuroscience. The interaction between linguistic theory and neurological evidence from brain damage, degenerative diseases (e.g., alzheimers disease), mental illness (e.g., schizophrenia), neuroimaging and neurophysiology. The connection of language as a neurocognitive system to other systems such as memory and music. *Taught at Yale.*

Ling 232a/632a **Universals of Language** **Stephen Anderson**
 Th 3.30-5.20

Survey of phenomena that have been argued to be universal in human language, and consideration of their origins and status in grammatical theory. Putative universals of phonological, morphological and syntactic structure. Alternative accounts in terms of historical change or the nature of the acquisition process will be contrasted with claims that these features should be attributed to the structure of the human language faculty (Universal Grammar).
Prerequisites: Ling 132a and Ling 153a or permission of instructor

LING 236b/636b **Articulatory Phonology** **Jelena Krivokapić**
 TTh 11.35-12.50

Introduction to phonology as a system for combining units of speech (constriction gestures of the vocal organs) into larger structures. Course will include both theory (reading) and practice (analysis of articulatory movement data; modeling using techniques of dynamical systems). Emphasis on universal vs. language-particular aspects of gestural combination and coordination.

LING 240b/640b **Topics in Phonology: Prosody** **Darya Kavitskaya**
 T 7:00-8:50

Topics in the prosodic systems of the world's languages. Discussion of stress, pitch, accent, tone, and their interaction with intonation. Development and typology of prosodic systems and theoretical approaches to prosody.
Prerequisites: LING 132, LING 135 LING 120, or consent of the instructor.

LING 241a/641a **Language Description [Field Methods I]** **Darya Kavitskaya**
 TTh 2.30-3.45

Principles of phonetics, phonology, morphology, syntax, and semantics applied to the collection and interpretation of novel linguistic data. Data are collected and analyzed by the class as a group, working directly with a speaker of a relatively unknown undocumented language.
Open to majors in Linguistics and to others with permission of instructor.

LING 249b/649b **Structure of a Romance Language: Rumantsch** **Stephen Anderson**
 Th 2.30-4.20

Survey of the phonology, morphology and syntax of the Rhaeto-Romance languages of Switzerland, focusing on Surmiran (Central Rumantsch). The primary focus will be on the synchronic structure of the language, though with some attention to historical and comparative considerations.

LING 251b/651b **Learnability and Development** **Gaja Jarosz**
 T 9:25-11:15

An interdisciplinary investigation of language learning from an integrated perspective of computational learning and language development. Topics include: formal learning theory, formal and computational modeling of language acquisition, statistical learning in infants and machines, and nativism versus empiricism. The course will cover development and learnability at various levels of linguistic structure. *Prerequisite: LING 141/541 or permission of instructor.*

LING 254b/654b**Syntax II****Nihan Ketrez**

MW 1.00-2.15

Recent developments in syntactic theory: government and binding, principles and parameters, and minimalist frameworks. In-depth examination of the basic modules of grammar (lexicon, X-bar theory, Theta-theory, case theory, movement theory). Comparison and critical evaluation of specific syntactic analyses.

LING 261b/661b**Topics in Syntax: Minimalism****Dianne Jonas**

W 1:30-3:20

Introduction to minimalist syntax and comparison with earlier theories. Topics include grammatical operations, clause structure, and close study of recent minimalist analyses. Prerequisites: Two courses in syntax or permission of instructor.

LING 262b/662b**Topics in Semantics: Specific Language Impairment****Maria Babyonyshev**

W 2.30-4.30

An exploration of the nature of Specific Language Impairment (SLI), a developmental linguistic disorder with a genetic basis, from a linguistic perspective. Topics include precise characterization of the impairment, distinct subtypes of SLI, cross-linguistic variation in SLI, changes in the symptoms of SLI over time, and recent theoretical models of the impairment. *Prerequisite: one course in syntax or permission of instructor.*

LING 263a/663a**Introduction to Semantics****Laurence Horn**

MW 1.00-2.15

Introduction to truth-conditional and lexical semantics. Survey of propositional and predicate logic. Compositional theories of sense and reference. Entailment and presupposition. Opacity, intensionality, and belief contexts. The relation between semantics and pragmatics. Special topic: ambiguity, vagueness, and underspecification.

LING 264b/664b**Semantic Theory****Ashwini Deo.**

MW 11.35-12.50

Itamar Francez

The model-theoretic approach to semantics and its treatment of core linguistic phenomena. Topics to be discussed include quantification, tense/aspect/modality, context and interpretation, and the semantics-pragmatics interface.

LING 270a/670a**Topics in Semantics****Ashwini Deo**

W 3.30-5.20

Theories of lexical semantic representation and event structure. Cross-linguistic variation in mapping of event structure to syntax and argument realization. Case studies include experiencer predicates, (in)transitivity of two-arguments verbs, variation in motion verbs and unaccusative predicates.

LING 290b/690b**Negation and Polarity****Laurence Horn**

T 2.30-4.30

The grammar and meaning of negation and negative polarity. The asymmetry of negation vs. affirmation. Semantic and pragmatic factors in the meaning of negative sentences: contradictory vs. contrary opposition; conditions on affixal negation; metalinguistic vs. descriptive uses of negation. The cross-linguistic representation of sentence negation; NegP and negative heads; the Neg-criterion. Negative concord and double negation. The roles of configuration, scope, entailment, and implicature in the licensing of polarity items. Prerequisite: some background in syntax, semantics, and/or pragmatics, or permission of instructor.

LING 471a/472b**Special Projects****Staff**

Special projects set up by students with the help of a faculty adviser and the director of undergraduate studies to cover material not otherwise offered by the department. The project must terminate with at least a term paper or its equivalent and must have the approval of the director of undergraduate studies. Only one term of credit for a project may count toward the major; no more than two terms may count toward graduation.

LING 490a**Research Methods in Linguistics****Dianne Jonas**

W 3.30-5.20

This course provides an introduction to research methods in linguistics. Observational and experimental approaches to research in the field. Topics include collection and organization of linguistic data, basic field methods, use of language corpora and databases. Introduction to research in language acquisition and language change. This is a required course for first-year graduate students.

LING 491b**The Senior Essay****Laurence Horn**

F 2.30-4.30

A weekly colloquium in which senior linguistics majors, in rotation, will make presentations of research material that will culminate in the development of their senior essays. Under the guidance of departmental faculty (or in some case supporting faculty in other departments), students will select a topic, present material related to the research on that topic, and give preliminary versions of their essay.

LING 502a/ENGL 502a Advanced Old English**Roberta Frank**

M 9.25-11.15

Readings in a variety of pre-Conquest vernacular genres e.g., scriptural poetry, hagiography, prose fiction, riddles, homily, colloquy, prognostics, praise poetry, and laws. Supplementary reading in current scholarship.

LING 710b/PHIL 710b Predication Itamar Francez
W 7:00-8:50

Predication plays a crucial role in the organization and composition of sentences and/or propositions. The notion of predication is notoriously difficult to situate in a theory of grammar. This seminar examines the notion of predication in formal semantics and the syntax-semantics interface. We will discuss major conceptions of and approaches to predication in semantic theory, and focus on challenges posed by various recalcitrant natural language phenomena, such as existential constructions and possessives, and theoretical constructs, such as generalized quantifiers and events.

LING 741a Topics in Phonetics: Prosody Jelena Krivokapć
W 9.25-11.15

Survey of structural and phonetic properties of prosody. Focus is on theories of prosodic hierarchies and their manifestations in acoustics and articulation, the relationship between syntax and prosody, factors influencing prosodic boundary placement, prosody in speech perception, and prosodic transcription. Open to qualified undergraduates.

Prerequisites: LING 120/520/PSYC318, LING 153/553, or consent of instructor.

INDIC 771b Middle Indic: Pali & Prakrit Stanley Insler
Th 1:30-3:20

Introduction to the old Indic vernaculars. Readings from the Buddhist Canon, Inscriptions of Aśoka and Prakrit literary texts. *Prerequisite: A year of Sanskrit or equivalent.*

LING 772a/INDC 772a Research in Old Indian Epics Stanley Insler
Th 1.30-3.20

This seminar deals with narrative and structural parallels in several epic traditions of India. Texts examined include the *Māhābhārata*, *Rāmāyana*, *Paunacariya* and *Vasudevahindī*. *Advanced Sanskrit and Middle Indic are prerequisites.*

LING 830a or b, Directed Research in Linguistics.
By arrangement with faculty.

LING 831a or b, Directed Research in Phonetics.
By arrangement with faculty.

LING 840a or b, Directed Research in Phonology.
By arrangement with faculty.

LING 850a or b, Directed Research in Grammar.
By arrangement with faculty.

LING 860a or b, Directed Research in Semantics.
By arrangement with faculty.

Related Courses

Anthropology

ANTH 214a, Language and Gender. Bernard Bate

ANTH 298b, Anthropology of Oratory and Rhetoric. Bernard Bate

ANTH 333b, Bilingualism and Language Contact in Social Context. Joseph Errington

ANTH 413a^G, Language, Culture, and Ideology. Joseph Errington

ANTH 419a^G, Language and the Public Sphere. Bernard Bate

ANTH 461b^G, Ethnography of Speaking. Bernard Bate

ANTH 533b, Bilingualism and Language Contact in Social Context. Joseph Errington.

ANTH 513a, Language, Culture, and Ideology. Joseph Errington.

ANTH 619a, Language and the Public Sphere. Bernard Bate.

ANTH 661b, Ethnography of Speaking. Bernard Bate.

Cognitive Science

CGSC 110 01 Intro to Cognitive Science Brian Scholl

CGSC 201 01 Introductn to the Human Brain Amy Arnsten

Classical Civilization

CLCV 190a Latin and the Romance Languages. Joseph Solodow.

English

ENG500a, Old English. Traugott Lawler.

ENGL 500b, *Beowulf*. Roberta Frank.

Philosophy

PHIL 115a, First-Order Logic. George Bealer

PHIL 267a^G, Mathematical Logic I. Sun-Joo Shin

PHIL 270b, Epistemology. Keith DeRose

PHIL 271a, Philosophy of Language. Zoltán Szabó

PHIL 400b^G, Frege. Susanne Bobzien

PHIL 430b^G, The Liar Paradox and other Challenges to Bivalence. Susanne Bobzien

PHIL 431a^G, The Nature of Modality. George Bealer

PHIL567a, Mathematical Logic I. Sun-Joo Shin

PHIL600b, Frege. Susanne Bobzien

PHIL630b, The Liar Paradox and other Challenges to Bivalence. Susanne Bobzien

PHIL631a, The Nature of Modality. George Bealer

LINGUISTICS PROGRAM

Linguistics is the scientific study of language. The major in Linguistics is an interdisciplinary program of studies leading toward an understanding of phonological, grammatical, and semantic structure, and of various approaches to descriptive, historical, and experimental linguistics. It also includes course work leading to proficiency in one or two foreign languages. Majors may concentrate on theoretical linguistics, on various aspects of comparative grammar, or on a particular family of languages. Interested students should consult the director of undergraduate studies.

Preparation for the Linguistics major during the freshman and sophomore years should include LING 110b or LING 117a with a grade of B+ or better, and the equivalent of one or two years' college study of at least one foreign language. Language-related courses in anthropology, computer science, mathematics, philosophy, psychology, and area studies programs are also considered valuable as preparation or as electives to accompany the major.

The major consists of fourteen term courses, as described below:

1. Six term courses in Linguistics above the level of 110b, including LING 490a, Research Methods in Linguistics, and LING 491b, The Senior Colloquium, the latter to be taken in the senior year. At least one course each in phonology and syntax must be taken by the end of the junior year.

In addition, students must complete at least one course in two of the remaining core areas of phonetics, morphology, semantics/pragmatics, and historical linguistics.

2. Two years (or the equivalent) in one or two foreign languages and/or literatures beyond the elementary level; courses numbered 130 or higher in most language departments are normally accepted. A qualified student may fulfill this requirement in part as a freshman or sophomore. With permission from the director of under-graduate studies, an additional linguistics course may substitute for one term of the foreign language requirement.

3. Four term courses selected from: (a) additional course offerings in Linguistics; (b) another course in a foreign language or literature at the level of 140 or higher; (c) any other courses relevant to linguistics in Anthropology, Computer Science, Philosophy, Psychology, or other departments.

Graduate seminars in linguistics are normally open to qualified undergraduates; consult the director of undergraduate studies for an annual listing of such seminars.

REQUIREMENTS OF THE MAJOR

Prerequisites: LING 110b or 117a with appropriate grade; equivalent of one or two years' college study of one foreign language.

Number of courses: Fourteen term courses beyond LING 110b (including the senior requirement) Distribution of courses: Six term courses in Linguistics (including 490a and 491b) above level of 110b chosen in at least four of six categories, including one each in syntax and phonology; three or four term courses in foreign language and/or lit at level 130 or higher in one or two language and/or lits or the equivalent; four or five term courses selected from linguistics, foreign language or lit at level 140 or higher, or courses relevant to linguistics in other departments.

Senior requirement: Senior colloquium and essay (LING 491b)

Some of our introductory courses are:

Ling 108 Structure and History of English Words
Ling 110 Introduction to Linguistics
Ling 112 Historical Linguistics
Ling 117 Language & Mind
Ling 120 General Phonetics
Ling 132 Introduction to Phonological Analysis
Ling 135 Phonological Theory (II)
Ling 141 Language and Computation
Ling 149 Communication and Language Abilities in Animals
Ling 153 Syntax I
Ling 161 Introduction to Psycholinguistics
Ling 163 Language Acquisition