

## LINGUISTICS

## LIN

**Department of Linguistics and  
Germanic, Slavic, Asian  
and African Languages  
College of Arts and Letters**

- 200 Introduction to Language**  
Fall, Spring. 3(3-0) Not open to students with credit in LIN 401.  
Linguistic structure of language. Applications of linguistics to other disciplines. Human and societal aspects of the nature, use, acquisition, and history of languages.
- 225 Language and Gender**  
Fall. 3(3-0) Interdepartmental with Women's Studies. Administered by Linguistics.  
Gender and language in societies around the world. Issues such as status, power and politeness in monolingual and multilingual societies. The role of gender in language development, language variation and language change.
- 291 Special Topics in Linguistics**  
Fall, Spring. 1 to 4 credits. A student may earn a maximum of 8 credits in all enrollments for this course.  
Special topics supplementing regular course offerings proposed by faculty on a group study basis.
- 401 Introduction to Linguistics**  
Fall, Spring. 4(4-0) Not open to students with credit in LIN 200.  
Basic goals, concepts, methods, and research results of modern theoretical and applied linguistics. Examples from a variety of languages.
- 424 Introduction to Phonetics and Phonology**  
Fall, Spring. 3(3-0) P: (LIN 200 or LIN 401)  
Phonetics, phonetics features and components, phonological phenomena, phonemic analysis, sound systems and data analysis.
- 431 Introduction to Morphology**  
Spring. 3(3-0) RB: (LIN 401 or concurrently) or LIN 200  
Word structure, word formation, morphological analysis, interface with phonology and syntax, and theoretical issues in morphology. Data from diverse languages of the world.
- 434 Introduction to Syntax**  
Fall, Spring. 3(3-0) P: (LIN 200 or LIN 401)  
Structure of sentences and structural relations among phrases. Methods of syntactic analysis and argumentation.
- 437 Semantics and Pragmatics**  
Fall. 3(3-0) P: (LIN 200 or LIN 201)  
Semantic properties and relations. Entailment, ambiguity, theories of word and sentence meaning, and logical form. Topics in pragmatics, such as presupposition, conversational implicature, speech acts.
- 441 Historical Linguistics**  
Fall. 3(3-0)  
Types of linguistic change and the methods used by linguists to study the historical development of languages and language families.
- 450 Child Language Acquisition**  
Spring. 3(3-0) P: (LIN 200 or LIN 401)  
Linguistic issues, perspectives and research on the acquisition of language by children. Phonology, lexicon, morphology, syntax, semantics. Universal principles, variation, contexts. Implications for related disciplines.
- 455 Neurolinguistics**  
Fall. 3(3-0) P: LIN 200 or LIN 401  
Theoretical approaches to the study of language and the brain. Perspectives on normal and impaired linguistic functioning offered by lesion studies and brain-imaging techniques. The genetic basis of language as evidenced in family and twin studies.
- 463 Introduction to Cognitive Science**  
Spring. 3(3-0) Interdepartmental with Philosophy and Psychology. Administered by Linguistics.  
Cognitive processing of information by animals, humans, and computers. Relevant issues in philosophy, linguistics, psychology, neurophysiology, and artificial intelligence.
- 471 Sociolinguistics**  
Fall. 3(3-0) P: (LIN 200 or LIN 401)  
Linguistic and social psychological bases for language choice. Accounts of language variation and related larger constructs such as speech community, communicative competence, dialect, and language change.
- 475 Introduction to Computational Linguistics**  
Fall. 3(3-0) Interdepartmental with Computer Science and Engineering. Administered by Linguistics. P: CSE 232 and LIN 401  
Computer science of linguistic theories and their application in natural language processing systems. Stochastic and categorical automata for morphological analysis. Rule systems for grammars. Parsing algorithms for syntactic and semantic analysis, with implications for cognitive models of human sentence processing. Probabilistic models of linguistic events.
- 490 Independent Study**  
Fall, Spring. 1 to 4 credits. A student may earn a maximum of 8 credits in all enrollments for this course. R: Approval of department.  
Special projects arranged by an individual student and a faculty member in areas supplementing regular course offerings.
- 491 Special Topics**  
Fall, Spring. 1 to 4 credits. A student may earn a maximum of 8 credits in all enrollments for this course. P: (LIN 200 or LIN 401) R: Approval of department.  
Special topics supplementing regular course offerings proposed by faculty on a group study basis.
- 499 Senior Thesis Research (W)**  
Fall, Spring. 2 credits. P: Completion of Tier I writing requirement. R: Approval of department.  
Individual research project supervised by a faculty member. Demonstration of student's ability to conduct independent research and prepare an undergraduate thesis.
- 810 Theory and Practice of Teaching a Non-European Language**  
Fall. 3(3-0) RB: (LIN 401) and proficiency in the language. Not open to students with credit in ENG 807 or ENG 808 or FRN 800 or GRM 810 or RUS 804 or SPN 800.  
Theories and practice of college-level teaching of a non-European language (e.g., Japanese) to non-native speakers. Teaching of pronunciation, writing system, listening, speaking, reading, writing, and culture. Testing, contrastive grammar, error analysis, material development, curriculum design, and lesson planning.
- 824 Phonological Theory I**  
Spring. 3(3-0) RB: LIN 424  
Major phonological theories, argumentation, and advanced skills of phonological analysis.
- 825 Phonological Theory II**  
Fall. 3(3-0) RB: LIN 824  
Issues in phonology. Current controversies and trends of research in phonology.
- 834 Syntactic Theory I**  
Spring. 3(3-0) P: (LIN 434)  
Theories, current issues, and research of the structure of sentences and structural relations among phrases. Methods of syntactic analysis and argumentation.
- 835 Syntactic Theory II**  
Fall. 3(3-0) P: LIN 834  
Issues in syntax. Current research and controversies.
- 837 Advanced Studies in Semantics and Pragmatics**  
Fall of odd years. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course. RB: LIN 437  
Selected topics in semantics and/or pragmatics, such as noun phrase interpretation, tense and aspect, conversational implicature, and negation. Advanced level analytical techniques.
- 850 Advanced Studies in Child Language Acquisition**  
Spring. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course. RB: LIN 434  
Children's native language acquisition: research methods, crosslinguistic data, and explanations from linguistic theory. Topics such as learnability, parameters, innateness, narratives, individual variation, and bilingualism.
- 855 Advanced Studies in Neurolinguistics**  
Spring. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course. RB: LIN 434 or LIN 424 or LIN 455  
Study of the computation of language in the brain and its contribution to understanding brains and language. Lesion research and research using neuroimaging techniques such as Magnetoencephalography (MEG), Electroencephalography (EEG), Positron Emission Tomography (PET), functional Magnetic Resonance Imaging (fMRI), and Transcranial Magnetic Stimulation (TMS).
- 867 Nature and Practice of Cognitive Science**  
Spring. 3(3-0) Interdepartmental with Computer Science and Engineering and Philosophy and Psychology and Zoology. Administered by Zoology. RB: Undergraduate course work in behavioral biology, cognitive psychology, philosophy, linguistics, or artificial intelligence.  
Survey of how different disciplines explore the cognitive processes underlying intelligent behavior.

## Linguistics—LIN

### 871 Advanced Studies in Sociolinguistics

Spring. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course. P: LIN 471 or approval of department

Linguistic and societal bases for language choice. Topics exemplifying modern sociolinguistics, including concerns of power, ethnicity, gender, quantitative microsociolinguistics, field techniques, and data analysis.

### 875 Advanced Studies in Computational Linguistics

Spring. 3(3-0) A student may earn a maximum of 9 credits in all enrollments for this course. Interdepartmental with Computer Science and Engineering. Administered by Linguistics. P: (LIN 475)

Cutting-edge research in computational linguistics. Expressive formalisms such as tree-adjoining, typological and multi-component string grammars, and their associated parsing and learning problems. Robustness for spoken language understanding. Mathematical theories of language learnability. Logic and probability of finite state techniques.

### 881 The Structure of a Non-European Language

Fall. 3(3-0) A student may earn a maximum of 9 credits in all enrollments for this course. RB: LIN 424 and LIN 434

Survey of the structure of a non-European language such as Amharic, Chinese, Japanese, or Hausa. General overview of the language, including history, phonology, morphology, syntax, semantics, pragmatics, discourse, and variation. Particular attention to the features generally nonexistent in European languages.

### 890 Independent Study

Fall, Spring, Summer. 1 to 4 credits. A student may earn a maximum of 9 credits in all enrollments for this course. R: Approval of department.

Special projects, directed reading, and research arranged by an individual graduate student and a faculty member in areas supplementing regular course offerings.

### 891 Special Topics

Fall, Spring, Summer. 1 to 4 credits. A student may earn a maximum of 9 credits in all enrollments for this course. RB: At least 6 credits in linguistics courses at the 400 level or above.

Special topics supplementing regular course offerings proposed by faculty on a group study basis for graduate students.

### 892 Seminar in Linguistics

Fall, Spring. 3(3-0) A student may earn a maximum of 9 credits in all enrollments for this course. RB: At least 6 credits in linguistics courses at the 400 level or above. R: Open only to graduate students in the Linguistics major.

Directed original research on current topic in linguistics.

### 898 Master's Research

Fall, Spring, Summer. 1 to 3 credits. A student may earn a maximum of 3 credits in all enrollments for this course. R: Approval of department.

Directed research in support of Plan B master's degree requirements.

### 899 Master's Thesis Research

Fall, Spring, Summer. 1 to 12 credits. A student may earn a maximum of 12 credits in all enrollments for this course. R: Approval of department.

Directed research leading to a master's thesis, used in partial fulfillment of Plan A master's degree requirements.

### 991B Topics in Comparative Literature

Fall. 3(3-0) A student may earn a maximum of 12 credits in all enrollments for this course. Interdepartmental with . Administered by Linguistics.

Critical approaches to genre, periodization, and influence in English and other literatures.

### 999 Doctoral Dissertation Research

Fall, Spring, Summer. 1 to 99 credits. A student may earn a maximum of 99 credits in all enrollments for this course. R: Approval of department.

Doctoral dissertation research.