LINGUISTICS (LING)

Courses primarily for undergraduates:

LING 101: Introduction to the Study of Linguistics
(1-0) Cr. 1. S.
Cross-disciplinary perspectives on the study of linguistics. Applications of linguistics to real world problems. Careers in linguistics.

LING 119: Introduction to World Languages
(Cross-listed with WLC). (3-0) Cr. 3.
Study of language diversity and the personal, social and political effects of diversity. Language families, attitudes toward language and language use, language and culture, multilingualism, foreign language learning, written codes, official languages, and language policy.
Meets International Perspectives Requirement.

LING 120: Computers and Language
(Cross-listed with ENGL). (3-0) Cr. 3.
Introduction to the use of linguistic knowledge in computer applications today and the basic computational techniques used in such applications. The development of these techniques throughout the history of computational linguistics. How the study of language has contributed to the advancement of technology and how certain computational problems have influenced the way linguists study language.

LING 207: Introduction to Symbolic Logic
(Cross-listed with PHIL). (3-0) Cr. 3. S.
Introduction to fundamental logical concepts and logical symbolism. Development of natural deduction through first order predicate logic with identity. Applications to arguments in ordinary English and to philosophical issues. Linguistics majors should take LING/PHIL 207 as early as possible.

LING 219: Introduction to Linguistics
(Cross-listed with ENGL). (3-0) Cr. 3. F.S.
Prereq: Sophomore classification
Introduction to linguistic concepts and principles of linguistic analysis with English as the primary source of data. Sound and writing systems, sentence structure, vocabulary, and meaning. Issues in the study of usage, regional and social dialects, language acquisition, and language change.

LING 220: Descriptive English Grammar
(Cross-listed with ENGL). (3-0) Cr. 3. F.S.
Prereq: ENGL 250
Overview of grammatical structures and functions. Parts of speech; phrase, clause, and sentence structure; sentence types and sentence analysis; rhetorical grammar and sentence style; terminology. Not a remedial, English composition, or ESL course.

LING 275: Introduction to Communication Disorders
(Cross-listed with CMDIS). (3-0) Cr. 3.
Survey of nature, causes, and types of major communication disorders including phonological, adult and child language, voice, cleft palate, fluency, and hearing disorders.

LING 286: Communicating with the Deaf
(Cross-listed with CMDIS). (3-0) Cr. 3.
Learn to communicate with the deaf using Signed English and Signed Pidgin English. Other topics covered include types, causes, and consequences of hearing loss, hearing technology (hearing aids, assistive listening devices, and cochlear implants), education of hearing-impaired children, Deaf culture, and the history of manual communication.
Meets U.S. Diversity Requirement

LING 305: Language, Thought and Action
(Cross-listed with SP CM). (3-0) Cr. 3.
Prereq: ENGL 250
The study of symbolic processes and how meaning is conveyed in words, sentences, and utterances; discussion of modern theories of meaning; and an exploration of relationships among language, thought and action.

LING 309: Introduction to Culture and Language
(Cross-listed with ANTHR). (3-0) Cr. 3.
Prereq: ANTHR 201 recommended
Introduction to study of language, culture and society from an anthropological perspective. Focus on language and thought, ethnography of speaking, discourse and narrative, writing and literacy, and media communication. Discussion of key theories and methods of linguistic anthropology.
Meets International Perspectives Requirement.

LING 331: Theory of Computing
(Cross-listed with COM S). (3-1) Cr. 3. F.S.
Prereq: Minimum of C- in COM S 228, MATH 166, and in COM S 230 or CPR E 310; ENGL 250
Models of computation: finite state automata, pushdown automata and Turing machines. Study of grammars and their relation to automata. Limits of digital computation, unsolvability and Church-Turing thesis. Chomsky hierarchy and relations between classes of languages.

LING 351: Introduction to Spanish-English Translation
(Cross-listed with SPAN). (3-0) Cr. 3. F.S.
Prereq: SPAN 301, SPAN 303 or SPAN 304
Introduction to the theory, methods, techniques, and problems of translation. Consideration of material from business, literature, and the social sciences. Taught in Spanish.
Meets International Perspectives Requirement.

LING 352: Introduction to Spanish Phonology
(Cross-listed with SPAN). (3-0) Cr. 3. F.S.
Prereq: SPAN 301, SPAN 303 or SPAN 304
An introductory study of the articulation, classification, distribution, and regional variations of the sounds of the Spanish language. Taught in Spanish.
Meets International Perspectives Requirement.

LING 354: Introduction to Spanish-English Interpretation
(Dual-listed with LING 554). (Cross-listed with SPAN). (3-0) Cr. 3. F.S.
Prereq: SPAN 351
Introduction to the theory, methods, techniques, and problems of consecutive and simultaneous interpretation. Consideration of material from business, agriculture, law, design, medicine, literature, advertisement, and sports. Taught in Spanish.
Meets International Perspectives Requirement.

LING 371: Phonetics and Phonology
(Cross-listed with CMDIS). (3-0) Cr. 3.
Prereq: ENGL 219
Analysis of speech through study of individual sounds, their variations, and relationships in context; English phonology; practice in auditory discrimination and transcription of sounds of American English; description of speech sounds in terms of their production, transmission, and perception.

LING 413: Psychology of Language
(Cross-listed with PSYCH). (3-0) Cr. 3.
Prereq: PSYCH 101
Introduction to psycholinguistics. Topics may include origin of language, speech perception, language comprehension, reading, bilingualism, brain bases of language, and computational modeling of language processes.

LING 420: History of the English Language
(Cross-listed with ENGL). (3-0) Cr. 3. F.S.
Prereq: ENGL 219 or LING 219, ENGL 220 or LING 220
Comparison of English to other languages by family background and by type. Analysis of representative Old, Middle, Early Modern and present-day English texts, including both literary works and non-literary documents.

LING 422: Women, Men, and the English Language
(Cross-listed with ENGL, W S). (3-0) Cr. 3. S.
Prereq: ENGL 219 or LING 219
The ways men and women differ in using language in varied settings and the ways in which language both creates and reflects gender divisions.
Meets U.S. Diversity Requirement

LING 425: Second Language Learning and Teaching
(Cross-listed with ENGL). (3-0) Cr. 3. S.
Prereq: ENGL 219 or LING 219; junior classification
The process of second language learning and principles and techniques of teaching second languages. Learning and teaching in specific situations and for particular purposes. Current applications of technology in teaching and assessment.

LING 437: Grammatical Analysis
(Cross-listed with ENGL). (3-0) Cr. 3. F.
Prereq: ENGL 220 or LING 220; ENGL 219 or LING 219 or introductory course in linguistics; junior classification
Theories and methods for analysis of syntax and morphology.

LING 462: Contrastive Analysis of Spanish/ English for Translators
(Cross-listed with SPAN). (3-0) Cr. 3.
Prereq: SPAN 351
Linguistic study of the major differences between the Spanish and English grammatical systems and their applications in the translation of Spanish to English. Taught in Spanish.

LING 463: Hispanic Dialectology
(Cross-listed with SPAN). (3-0) Cr. 3.
Prereq: SPAN 352
Intensive study of the phonology, morphosyntax and lexicon of the Hispanic dialects of Spain and Latin America in their historical context. Taught in Spanish.
Meets International Perspectives Requirement.

LING 471: Language and Reading Development in Children
(Cross-listed with CMDIS). (3-0) Cr. 3.
Prereq: CMDIS 275 or PSYCH 230 or ENGL 219 or LING 219
Theories and developmental processes related to the components of language(semantics, syntax, morphology, phonology, and pragmatics); the development of metalinguistic knowledge; theories and developmental processes of reading.

LING 480A: Topics in Communication Disorders: Anatomy and Physiology of Speech and Hearing
(Cross-listed with CMDIS). (3-0) Cr. 3. F.S.
Prereq: CMDIS/LING 275, CMDIS/LING 371, and BIOL 255; permission of instructor.
Guided examination of topics in preparation for graduate work in Speech-Language Pathology or Audiology. Primary course delivery by WWW.

LING 480B: Topics in Communication Disorders: Articulation and Phonological Disorders
(Cross-listed with CMDIS). (3-0) Cr. 3. F.S.
Prereq: CMDIS/LING 275, CMDIS/LING 371, and BIOL 255; permission of instructor.
Guided examination of topics in preparation for graduate work in Speech-Language Pathology or Audiology. Primary course delivery by WWW.

LING 480C: Topics in Communication Disorders: Evaluation and diagnosis of communication disorders
(Cross-listed with CMDIS). (3-0) Cr. 3. F.S.
Prereq: CMDIS/LING 275, CMDIS/LING 371, and BIOL 255; permission of instructor.
Guided examination of topics in preparation for graduate work in Speech-Language Pathology or Audiology. Primary course delivery by WWW.

LING 486: Methods in Elementary School World Language Instruction
(Cross-listed with C I, WLC). (3-0) Cr. 3. F.
Prereq: 25 credits in a world language
Planning, implementation, and assessment of standards-based, student-centered, and thematic instruction in the elementary (K-8) classroom. Special emphasis on K-8 students' communicative skills, cultural knowledge, and content learning.

LING 490B: Independent Study: Linguistics
(Cross-listed with ENGL). Cr. arr. Repeatable, maximum of 9 credits. F.S.
Prereq: 9 credits in English beyond ENGL 250 appropriate to the section taken, junior classification, permission of Undergraduate Studies Committee or Linguistics Adviser
Designed to meet the needs of students who wish to study in areas other than those in which courses are offered. No more than 9 credits of ENGL 490 may be used toward graduation.

LING 490D: Independent Study: Linguistic Anthropology
(Cross-listed with ANTHR). Cr. 1-5. Repeatable, maximum of 9 credits.
Prereq: 9 credits in anthropology.
No more than 9 credits of Anthr 490 may be counted toward graduation.

Courses primarily for graduate students, open to qualified undergraduates:

LING 510: Introduction to Computers in Applied Linguistics
(Cross-listed with ENGL). (3-0) Cr. 3. F.
Prereq: Graduate classification
Use of software and web applications for language teaching, linguistic analysis, and statistical analysis. Issues and problems in applied linguistics related to computer methods.

LING 511: Introduction to Linguistic Analysis
(Cross-listed with ENGL). (3-0) Cr. 3. F.
Prereq: Graduate classification
Principles and methods of linguistic analysis with emphasis on phonology, morphology, and syntax. Description of linguistic variation and current theoretical approaches to linguistics.

LING 512: Second Language Acquisition
(Cross-listed with ENGL). (3-0) Cr. 3. F.
Prereq: ENGL 511 or LING 511 or an introductory course in linguistics
Theory, methods, and results of second language acquisition research with emphasis on approaches relevant to second language teaching.

LING 513: Language Assessment Practicum
(Cross-listed with ENGL). (3-0) Cr. 3. F.S.SS.
Prereq: ENGL 519 or LING 519
Advanced practicum in language assessment.

LING 514: Sociolinguistics
(Cross-listed with ENGL). (3-0) Cr. 3. S.
Prereq: ENGL 511 or LING 511 or an introductory course in linguistics
Theories and methods of examining language in its social setting. Analysis of individual characteristics (e.g., age, gender, ethnicity, social class, region), interactional factors (e.g., situation, topic, purpose) and national policies affecting language use.

LING 515: Statistical Natural Language Processing
(Cross-listed with ENGL, HCI). (3-0) Cr. 3. F.
Prereq: STAT 330 or equivalent, recommended ENGL 219 or LING 219, or ENGL 511 or LING 511
Introduction to computational techniques involving human language and speech in applications such as information retrieval and extraction, automatic text categorization, word prediction, intelligent Web searching, spelling and grammar checking, speech recognition and synthesis, statistical machine translation, n-grams, POS-tagging, word-sense disambiguation, on-line lexicons and thesauri, markup languages, corpus analysis, and Python programming language.

LING 518: Teaching English as a Second Language Methods and Materials
(Cross-listed with ENGL). (3-0) Cr. 3. F.
Prereq: ENGL 511 or LING 511 or an introductory course in linguistics
Introduction to approaches, methods, techniques, materials, curricular design, and assessment for various levels of ESL instruction. Attention to issues related to the teaching of listening, speaking, reading, writing, vocabulary, pronunciation, and culture.

LING 519: Second Language Assessment
(Cross-listed with ENGL). (3-0) Cr. 3. S.
Prereq: ENGL 511 or LING 511
Principles of second language assessment including reliability, validity, authenticity and practicality. Constructing, scoring, interpreting, and evaluating second language tests for a variety of situations.

LING 520: Computational Analysis of English
(Cross-listed with ENGL, HCI). (3-0) Cr. 3. S.
Prereq: ENGL 510 or LING 510, and ENGL 511 or LING 511
Concepts and practices for analysis of English by computer with emphasis on the applications of computational analysis to problems in applied linguistics such as corpus analysis and recognition of learner language in computer-assisted learning and language assessment.

LING 524: Literacy: Issues and Methods for Nonnative Speakers of English
(Cross-listed with ENGL). (3-0) Cr. 3. F.
Prereq: ENGL 511 or LING 511 or an introductory course in linguistics
Theoretical and practical issues and techniques in the teaching of literacy in a variety of contexts, involving children and adults at basic skill levels and teens and adults in academic and vocational programs.

LING 525: Methods in Teaching Listening and Speaking Skills to Nonnative Speakers of English
(Cross-listed with ENGL). (3-0) Cr. 3. S.
Prereq: ENGL 511 or LING 511 or an introductory course in linguistics
Theoretical and practical issues and techniques in the teaching of second language pronunciation, listening, and speaking skills. Topics will be relevant to those intending to teach in various contexts involving both K-12 and adult learners.

LING 526: Computer-Assisted Language Learning
(Cross-listed with ENGL). (3-0) Cr. 3. S.
Prereq: ENGL 511 or LING 511 or equivalent
Theory, research, and practice in computer use for teaching nonnative speakers of English. Methods for planning and evaluating computer-based learning activities.

LING 527: Discourse Analysis
(Cross-listed with ENGL). (3-0) Cr. 3. S.
Prereq: ENGL 511 or LING 511 or an introductory course in linguistics
Methods and theoretical foundations for linguistic approaches to discourse analysis. Applications of discourse analysis to the study of texts in a variety of settings, including academic and research contexts.

LING 528: English for Specific Purposes
(Cross-listed with ENGL). (3-0) Cr. 3.
Prereq: ENGL 511 or LING 511 or an introductory course in linguistics
Issues and techniques in analyzing, teaching, and assessing English for specific purposes. Topics include theories of specific purpose language use, analysis of learner needs in target language contexts, and corpus-informed syllabus and materials development for teaching and assessment.

LING 537: Corpus Approaches to Grammatical Analysis
(Cross-listed with ENGL). (3-0) Cr. 3. F.
Prereq: ENGL 220 or LING 220; ENGL 219, LING 219, ENGL 511, LING 511, or introductory course in linguistics; graduate classification
Corpus-informed analysis of syntax in authentic writing and speech, with emphasis on approaches used in applied linguistics: rationalist, empirical, functional, cognitive, and pedagogical.

LING 554: Introduction to Spanish-English Interpretation
(Dual-listed with LING 354). (Cross-listed with SPAN). (3-0) Cr. 3. F.S.
Prereq: SPAN 351
Introduction to the theory, methods, techniques, and problems of consecutive and simultaneous interpretation. Consideration of material from business, agriculture, law, design, medicine, literature, advertisement, and sports. Taught in Spanish.
Meets International Perspectives Requirement.

LING 588: Supervised Practice Teaching in Teaching English as a Second Language
(Cross-listed with ENGL). (1-5) Cr. 3. F.S.SS.
Prereq: 9 credits toward the TESL/TEFL Certificate, 15 credits toward the TESL/AL master's degree, or 18 credits completed toward the ESL Endorsement option.
Intensive observation of ESL instruction and supervised practice in teaching learners of English in a context appropriate to the student teacher's goals. ENGL 588 cannot be used for teacher licensure and cannot be taken during student teaching.

LING 590: Special Topics
(Cross-listed with ENGL). Cr. arr. Repeatable.
Prereq: Permission of the English Department Graduate Studies Committee according to guidelines available in the department office

LING 590B: Special Topics: Teaching English as a Second Language (TESL)/Applied Linguistics
(Cross-listed with ENGL). Cr. arr. Repeatable.
Prereq: Permission of the Director of Graduate Education according to guidelines available online

LING 590G: Special Topics: Applied Linguistics and Technology
(Cross-listed with ENGL). Cr. arr. Repeatable.
Prereq: Permission of the Director of Graduate Education according to guidelines available online

LING 591: Studies in Applied Linguistics
(3-0) Cr. 3. Repeatable, maximum of 6 credits.
Prereq: 6 credits in TESL/Applied Linguistics
Intensive study of applied linguistic theory as it relates to specific issues in language acquisition, teaching, or use.

LING 591B: Directed Readings: Teaching English as a Second Language (TESL)/Applied Linguistics
(Cross-listed with ENGL). Cr. arr. Repeatable.

LING 591G: Directed Readings: Applied Linguistics and Technology
(Cross-listed with ENGL). Cr. arr. Repeatable.

Courses for graduate students:

LING 623: Research Methods in Applied Linguistics
(Cross-listed with ENGL). (3-0) Cr. 3. F.
Prereq: ENGL 511 or LING 511, ENGL 517 or LING 517, ENGL 519 or LING 519
Survey of research traditions in applied linguistics. Focus on theoretical and practical aspects of quantitative and qualitative approaches to applied linguistic study, including experimental and quasiexperimental methods, classroom observation and research, introspective methods, elicitation techniques, case studies, interactional analysis, ethnography, and program evaluation. Computational tools and resources for linguistic research will be highlighted.

LING 626: Computer-Assisted Language Testing
(Cross-listed with ENGL). (3-0) Cr. 3. F.
Prereq: ENGL 510 or LING 510, ENGL 511 or LING 511, ENGL 519 or LING 519
Principles and practice for the use and study of computers and the Internet in second language assessment.

LING 630: Seminar in Applied Linguistics
(Cross-listed with ENGL). (3-0) Cr. 3. Repeatable.
Prereq: ENGL 510 or LING 510, ENGL 511 or LING 511
Topic changes each semester. Topics include advanced methods in natural language processing, technology and literacy in a global context, feedback in CALL programs, technology and pronunciation, and advances in language assessment.

LING 688: Practicum in Technology and Applied Linguistics
(Cross-listed with ENGL). (1-5) Cr. 3. F.S.SS.
Prereq: ENGL 510 or LING 510, ENGL 626 or LING 626, or equivalent; at least 2nd year PhD student in Applied Linguistics and Technology
Focus on integrating theoretical knowledge with practical expertise. Assess client needs; develop, integrate, and evaluate solutions. Practical understanding of computer applications used in multimedia development. Create web-based or CD-ROM-based multimedia materials. Work with advanced authoring applications.