

Large Animal Clinical Sciences—LCS

829 Design and Conduct of Epidemiological Studies and Clinical Trials
Spring. 3(2-2) Interdepartmental with Epidemiology. RB: (VM 533) or approval of department. R: Open only to graduate students in the colleges of Human Medicine, Osteopathic Medicine, or Veterinary Medicine.

Applied analytical methods in experimental design. Assessment of health and disease status of animal and human populations. Risk assessment and interpretation of clinical trials.

830 Epidemiology of Foodborne Diseases and Food Safety: An Overview
Fall. 3(3-0) Interdepartmental with Epidemiology. RB: Advanced undergraduate courses in biology, microbiology, biological sciences, biochemical sciences, food technology. R: Approval of department.

Epidemiologic survey of important foodborne diseases addressing recent trends. Sources of surveillance data. Measurement and management of risk factors associated with major foodborne diseases. Tracking foodborne pathogens from farm to table. Introduction to Hazard Analysis Critical Control Points (HACCP).

899 Master's Thesis Research
Fall, Spring, Summer. 1 to 8 credits. A student may earn a maximum of 18 credits in all enrollments for this course. R: Open only to graduate students in Large Animal Clinical Sciences
Master's thesis research.

901 Investigating the Lung
Fall of even years. 2(2-0) Interdepartmental with Physiology; Pathology. R: Open only to graduate students.
Integrative biology of the lung; structure and function; molecular, cellular, and organ responses to injury.

999 Doctoral Dissertation Research
Fall, Spring, Summer. 1 to 36 credits. A student may earn a maximum of 36 credits in all enrollments for this course. R: Open only to doctoral students in Large Animal Clinical Sciences.
Doctoral dissertation research.

201 Latin Prose
Fall. 4(4-0) P:M: (LTN 102) or designated score on Latin placement test.
Intermediate-level Latin prose based on readings of such authors as Sallust, Livy, and Cicero.

202 Latin Poetry
Spring. 4(4-0) P:M: (LTN 201)
Intermediate-level Latin poetry of the Republic and Augustan periods.

290 Independent Study
Fall, Spring. 1 to 4 credits. A student may earn a maximum of 4 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.

301 Republican Prose and Poetry (W)
Fall of even years. 3(3-0) P:M: (LTN 202) and completion of Tier I writing requirement.
Cicero, Caesar, Sallust, Plautus, Terence, Catullus, and Lucretius.

302 Augustan Poetry (W)
Spring of odd years. 3(3-0) P:M: (LTN 202) and completion of Tier I writing requirement.
Poetry of Virgil, Horace, Propertius, Tibullus, and Ovid.

401 Augustan and Early Imperial Prose
Fall of odd years. 3(3-0) P:M: (LTN 302)
Augustan and Early Imperial prose writers. Livy, Augustus, Tacitus, Petronius, Suetonius, and others.

402 Imperial Poetry
Spring of even years. 3(3-0) P:M: (LTN 302)
Poets of the Empire: Lucan, Seneca, Persius, Juvenal, Silius Italicus, Statius, and others.

490 Independent Study
Fall, Spring. 1 to 4 credits. A student may earn a maximum of 9 credits in all enrollments for this course. R: Not open to freshmen or sophomores. Approval of department.
Special projects arranged by an individual student and a faculty member in areas supplementing regular course offerings.

499 Senior Thesis
Fall, Spring. 3 credits. P:M: (LTN 402) R: Approval of department.
Senior thesis under the direction of a faculty member.

225 Women and Language
Fall. 3(3-0) Interdepartmental with Women's Studies.
Women and language in societies around the world. Issues such as status and verbal politeness, importance of names, gender differences in language use, women's multilingualism, sexist language, gendered language development in children.

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.

411 History of Linguistics
Spring. 3(3-0) P:M: (LIN 200 or LIN 401)
Origin and development of linguistic studies from ancient Greece to the present. Foundation for the understanding of contemporary issues in linguistics and in society.

424 Introduction to Phonetics and Phonology
Fall, Spring. 3(3-0) P:M: (LIN 200 or LIN 401)
Phonetics, phonetics features and components, phonological phenomena, phonemic analysis, sound systems and data analysis.

428 Writing Systems
Fall of odd years. 3(3-0) P:M: (LIN 200 or LIN 401)
Writing systems of the world and their history and organization in the context of linguistic science. Special attention is given to the typology of these systems and the ways they relate to the structure of spoken language.

431 Morphological and Syntactic Phenomena
Fall. 4(4-0) P:M: (LIN 424 or concurrently)
Structure of words, phrases, clauses, and sentences. Relations among words. Examples from languages of the world, and formal methods for their description.

434 Introduction to Syntax
Fall, Spring. 3(3-0) P:M: (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:M: (LIN 200 or LIN 401)
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.

LATIN

LTN

Department of Romance and Classical Languages College of Arts and Letters

101 Elementary Latin I
Fall. 4(4-0) R: No previous experience in Latin or designated score on Latin placement test.
Fundamentals of vocabulary, grammar, and syntax. Translation of elementary readings.

102 Elementary Latin II
Spring. 4(4-0) P:M: (LTN 101) or designated score on Latin placement test.
Continued study of the fundamentals of vocabulary, grammar, and syntax. Translation of elementary readings.

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.

450 Child Language Acquisition
 Spring. 3(3-0) P:M: (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:M: (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; Psychology. RB: (PHL 462 or LIN 401 or CSE 440 or PSY 200)
 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:M: (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.

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:M: (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:M: Completion of Tier I writing requirement. R: Approval of department.
 An individual research project supervised by a faculty member that demonstrates the student's ability to do independent research and submit or present a major paper.

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:M: (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:M: (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.

861 Advanced Studies in Second Language Acquisition
 Spring. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course. Interdepartmental with English. RB: (ENG 461) or approval of department.
 Current issues and theories of second and foreign language acquisition. Role of language structure, personality, and general cognition. Methods of research.

871 Advanced Studies in Sociolinguistics
 Spring. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course. RB: (LIN 471)
 Linguistic and societal bases for language choice. Topics exemplifying modern sociolinguistics including concerns of power, politeness, gender, quantitative microsociolinguistics, social/cultural differences, and ethnomethodology.

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) Not open to students with credit in ENG 845 or ENG 846 or FRN 806 or GRM 805 or RUS 806 or SPN 806 or SPN 806.
 Survey of the structure of a non-European language; e.g., Amharic, Chinese, Japanese, 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 8 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.

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.

LINGUISTICS AND LANGUAGES LL

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

151 Beginning Individualized Less Commonly Taught Languages
 Fall. 4(4-1)
 Individualized study of any of the less commonly taught languages at the elementary level. Speaking, reading, and writing with emphasis on developing oral proficiency skills.