LINGUISTICS AND ORIENTAL AND AFRICAN LANGUAGES

College of Arts and Letters

Courses in Chinese and Japanese on the 300 level or higher are normally conducted in the language.

Linguistics and Oriental and African Language Courses

299. Special Projects
Fall, Winter, Spring, Summer. Variable credit. May reenroll for a maximum of 18 credits. Approval of department. Work in areas outside regular course offerings.

360. World Literature in English (315) Fall. 3(3-0) Interdepartmental with and administered by the Department of English.
Representative works, not from England or the United States, which were written originally in English, especially the English literature of present or former British Commonwealth nations, and nations from the Middle East and Africa.

361. World Literature in English Translation (316) Winter. 3(3-0) Interdepartmental with the Department of English.
Significant and characteristic works of the Orient, the Middle East, and Africa in English translation.

362. Genres and Themes in World Literature
(317) Spring. 3(3-0) Interdepartmental with and administered by the Department of English.
Work will center each term round a single literary genre, type or theme. Typical examples: The Quest, Literature of Revolt, Satire. Literary examples will be selected from several national literatures.

499. Special Projects
Fall, Winter, Spring, Summer. Variable credit. May reenroll for a maximum of 18 credits. Approval of department. Work in areas outside regular course offerings.

AFR

101. African Languages—Elementary
Fall. 4(4-1) May reenroll for AFR 101-102-103 sequence in more than one African language.
Comprehension and speaking taught by a linguist with native informants. Offerings include Bemba, Hausa, Ibo, Pidgin, Swahili, Yoruba. These and other African languages are taught upon sufficient demand and availability of instructors.

102. African Languages—Elementary
Fall. 4(4-1) May reenroll for AFR 101-102-103 sequence in more than one African language. AFR 101.
Continuation of AFR 101.

103. African Languages—Elementary
Spring. 4(4-1) May reenroll for AFR 101-102-103 sequence in more than one African language. AFR 102.
Continuation of AFR 102.
Courses

203. Second-Year Chinese
Spring. 3(3-0) CHS 202.
Continuation of CHS 202; selected texts from Chinese newspapers, periodicals, and political journals.

221. Second-Year Conversation and Composition
Fall. 2(2-0) CHS 163.
Conversation and composition at the intermediate level to supplement CHS 201.

222. Second-Year Conversation and Composition
Winter. 2(2-0) CHS 221.
Continuation of CHS 221.

223. Second-Year Conversation and Composition
Spring. 2(2-0) CHS 222.
Continuation of CHS 222.

250. Chinese Calligraphy
Spring. 2(2-0) One year in Chinese language or approval of department.
The essential characteristics of and fundamental skills involved in writing Chinese characters, from the point of view of practical use.

301. Readings in Modern Chinese Literature
Fall. 3(3-0) CHS 203.
Selected short stories from authors of the twentieth century.

302. Readings in Modern Chinese Literature
Winter. 3(3-0) CHS 301.
Selected essays from authors of the twentieth century.

303. Readings in Classical Chinese Literature
Spring. 3(3-0) CHS 302.
Selections from the writings of the important philosophers, historians and poets.

321. Conversation and Composition
Fall, Winter, Spring. 3(3-0) May reenroll for a maximum of 9 credits. CHS 203.
Directed topical conversation and practice in composition.

400H. Honors Work
Fall, Winter, Spring. Variable credit. Approval of department.

401. Survey of Chinese Literature
Fall, Winter, Spring. 3(3-0) May reenroll for a maximum of 9 credits. Oral command and reading knowledge of Chinese language. Survey of Chinese literature from earliest record to contemporary writings. Lectures and discussions conducted in Chinese. Most assigned readings in Chinese, some in English translation.

420. Oriental Literature in Translation
Fall, Winter, Spring. 3(3-0) May reenroll for a maximum of 9 credits. Juniors or approval of department.
Development and influence of the ideas, forms and motifs of Far Eastern literatures in the literatures of the world.

431. Chinese Poetry
Fall. 3(3-0) Reading knowledge of Chinese. Rise and development of Chinese poetry with particular attention to poetry of the Tang Dynasty.

432. Chinese Drama
Winter. 3(3-0) Reading knowledge of Chinese. Special emphasis on drama of the Yuan Dynasty.

Japanese

101. Elementary Japanese
Fall. 4(4-1)
Spoken and written Japanese; emphasis on conversation and easy reading.

102. Elementary Japanese
Winter. 4(4-1) JAP 101.
Continuation of JAP 101.

103. Elementary Japanese
Spring. 4(4-1) JAP 102.
Continuation of JAP 102.

201. Second-Year Japanese
Fall. 3(3-0) JAP 103.
A second-year course, stressing both oral and written Japanese.

202. Second-Year Japanese
Winter. 3(3-0) JAP 201.
Continuation of JAP 201.

203. Second-Year Japanese
Spring. 3(3-0) JAP 202.
Continuation of JAP 202.

221. Second-Year Composition
Fall. 2(2-0) JAP 100.
Review grammar and composition to supplement JAP 201.

222. Second-Year Composition
Winter. 2(2-0) JAP 221.
Continuation of JAP 221.

223. Second-Year Composition
Spring. 2(2-0) JAP 222.
Continuation of JAP 222.

400H. Honors Work
Fall, Winter, Spring. Variable credit. Approval of department.

401. Introduction to Linguistics
Fall, Winter, Spring, Summer. 4(4-0) Juniors or approval of department. Not open to students with credit in LIN 200.
The scientific study of human languages. Basic goals, assumptions, terminology, and research results of modern theoretical and applied linguistics, with examples from a variety of languages.

402. Phonology
Fall, Winter. 3(3-0) LIN 200, LIN 401 or approval of department.
Sounds and sound systems, emphasizing the four basic areas of articulatory phonetics, phonetic features and components, classical phonemics, and phonology in contemporary linguistic theories.

403. Morphology
Winter, Spring. 3(3-0) LIN 402 the previous term or approval of department.
Structure of words, covering the identification and classification of morphemes, morphophonemics alternation, and morphology in contemporary linguistic theories.

404. Syntactic Phenomena
Spring. 3(3-0) LIN 200 or LIN 401.
Essential syntactic phenomena in the languages of the world. Syntactic description of phrases, clauses, and sentences, and its relation to morphological structures and meaning structures.

405. History of Linguistics
(811.) Fall. 3(3-0) LIN 200 or LIN 401.
The origin and development of linguistic studies from ancient India and Greece to the present. Provides a foundation for the understanding of contemporary issues in linguistics.

410. Child Language Acquisition
Fall. 3(3-0) LIN 200 or LIN 401 or approval of instructor.
Linguistic issues, perspectives, and research on the acquisition of language, in spoken and written form, by children, phonology, morphology, syntax, semantics, and linguistic universals; implications for related disciplines.

421. Articulatory Phonetics
Fall, Spring. 3(2-2) Approval of department.
Development of phonetic skills for the learning and teaching of languages.

425. Field Methods
(841.) Fall. 3(3-0) May reenroll for a maximum of 9 credits. LIN 403 or approval of department.
Methods of working with informants in order to gather linguistic information, processing and analyzing data, writing linguistic descriptions.

431. Introduction to Transformational Grammar
Winter, Spring. 3(3-0) LIN 200, LIN 401 or approval of department.
Investigation of the origin and development of transformational theory of syntax; properties of deep structure, surface structure, and transformations; application of transformational concepts to native and foreign language learning.

471. Principles and Methods of Historical Linguistics
Winter. 3(3-0) LIN 403 or concurrently.
Types of linguistic change and the methods used by linguists to study the historical development of languages and language families.
499. Senior Research
Spring. 3(3-0)
Individual projects demonstrating ability to do independent research.

505. Foundations of Modern Linguistics
Fall. 3(3-0) LIN 403.
Critical reading of basic texts of modern linguistics from 1900 to the 1950's with primary emphasis on American writers.

821. Phonological Analysis
Fall, Winter, Spring. 3(3-0) May reenroll for a maximum of 9 credits. Approval of department.
Advanced study of phonology, generally utilizing one of the following theories: strati­fical, tagmemic, transformational.

831. Grammatical Analysis
Fall, Winter, Spring. 3(3-0) May reenroll for a maximum of 9 credits. Approval of department.
Advanced study of syntax and related topics, generally utilizing one of the following theories: strati­fical, tagmemic, transformational.

835. Semantics of Natural Languages
Spring. 3(3-0) LIN 431 or approval of department.
Selected topics on the study of meaning in human languages. History, issues, and theories of semantics.

IDC. Interdisciplinary Seminar on Africa
For course description, see Interdisciplinary Courses.

851. African Linguistics
Winter. 3(3-0) May reenroll for a maximum of 9 credits. LIN 401; LIN 402 or concurrently.
Investigation of linguistic issues and phenomena in one or a group of African languages.

860. Special Projects
Fall, Winter, Spring, Summer. Variable credit. Approval of instructor.
Supervised study, reading, and research in special­ized areas of linguistics.

865. Contrastive Analysis
Spring. 3(3-0) LIN 403.
The essentials of contrastive analysis, with emphasis on methods of making such analysis. The usefulness and controversies concerning contrastive analysis will also be discussed.

871. Comparative Indo-European Linguistics
Spring of odd-numbered years. 3(3-0) LIN 471.
Comparative linguistics as applied to the investiga­tion of the development and historical relationships of the languages of the Indo-European family.

880. Seminar in Linguistics
Fall, Winter, Spring. 3(3-0) May reenroll for a maximum of 18 credits in different topics. Approval of department.
Advanced critical study of current topics in linguistics such as applications to other disciplines, aspects of linguistic theory, child language acquisition, contrastive analysis, structure of particular languages.

899. Master's Thesis Research
Fall, Winter, Spring, Summer. Variable credit. Approval of instructor.

999. Doctoral Dissertation Research
Fall, Winter, Spring. Variable credit. Approval of instructor.

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111. College Algebra
Fall. 5(5-0) Placement Test or approval of college. Not open to students with credit in MTH 108, MTH 109, or MTH 111.
Rational and real numbers, functions, inverse functions, polynomials, rational functions, exponential and logarithmic functions, trigonometric functions and their inverses.

112. Calculus I
Fall, Winter, Spring. 5(5-0) LBC 111 or MTH 108; LBC 124 concurrently. Not open to students with credit in MTH 112.
Theory and applications of derivatives to polynomials, rational functions, trigonometric functions and their inverses, logarithmic and exponential functions. Definition and properties of the definite integral. Numerical approximations of definite integrals.

113. Calculus II
Fall, Winter, Spring. 5(5-0) LBC 112 and LBC 124. Not open to students with credit in MTH 113.
Further applications of the derivative to related rates, approximations including Newton's method and graphing. The mean value theorem. Integration techniques, applications, and improper integrals. The conics and polar coordinates.

124. APL-Computer Programming for Scientists
Fall, Winter, Spring. 3(3-0) LBC 112 or concurrently. Interdepartmental with the Department of Computer Science.
APL programming; interactive programming techniques; arithmetic, logical, and extended APL operators; functions; applications to concurrent topics in mathematics; principles of operations of time-shared computers.

131. Third Culture Rhetoric I
Fall, Winter. 4(4-0)
Instruction and practice in expository writing. Paper and report topics drawn from readings which relate science and human values.

139. Third Culture Rhetoric II
Winter, Spring. 4(4-0) LBC 131.
Continuation of LBC 131 with emphasis upon investigative papers. Selected students may meet course requirements through independent study.

For prerequisite purposes the introductory biology sequence LBC 140, 141, 242 may be used in place of Biological Science 210, 211, 212.

140. Biology I
Winter, Spring. 4(3-3) Not open to students with credit in B S 212.
The organisms and their environment. Organ­ganismal level of organization. Evolution and adaptation as forces for biological variance.

141. Biology II
Fall, Spring. 4(3-3) LBC 140; not open to students with credit in B S 210.
Cellular structure and function. Maintenance and manipulation of metabolites, energy, space and information at the cellular and tissue level of organization.

142. Biology IA
Winter, Spring. 1 to 2 credits. May reenroll for a maximum of 4 credits. LBC 140 or concurrently.
Selected problems such as analysis of biological data, interspecific and intra­specific competition, micro­habitats including leaf litter, spring flora, diversity, stability and evolution of natural communities.

143. Biology IB
Fall, Spring. 2 credits. May reenroll for a maximum of 4 credits if different topic is taken. LBC 141 or concurrently.
Selected biology problems considering such topics as genetics, bacterial culturing and staining techniques, photynthesis and histological techniques.

160. Physics-Elementary Concepts
(Fall). Winter. 1(2-0) LBC 162 or concurrently.
Elementary concepts of mechanics, electricity, magnetism and optics.

161. Introduction to Chemistry and Physics I
Fall. 3(4-0) MTH 108 or MTH 109 or MTH 111 concurrently. LBC 161L or concurrently or approval of instructor.
Gases and gas laws, kinetic theory, heat and thermodynamics. Equilibria, solutions, acids and bases, ionization and electrolysis.

161L. Introductory Chemistry Laboratory
Fall. 1(0-3) LBC 161 or concurrently or approval of instructor.
Techniques and instruments in the chemistry laboratory. Includes qualitative, quantitative and synthetic work.

162. Introduction to Chemistry and Physics II
Winter. 3(4-0) LBC 161; LBC 162L or concurrently or approval of instructor.
Basic concepts of atomic and nuclear structure, wave particle duality, the quantum theory and the special theory of relativity. Radioactivity, nuclear reactions and elementary particle physics.

162L. Introductory Physics Laboratory
Winter. 1(0-3) LBC 162 or concurrently or approval of instructor.
Introduction to techniques and instruments in the physics laboratory. Selected experiments in classical and modern physics.