Descriptions — Linguistics of Courses

881. Advanced Studies in Second Language Acquisition
Fall, Spring (3-0). A student may earn a maximum of 6 credits in all enrollments for this course. Interdepartmental with English. P: 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.

885. Anglophone Literature of South Asia
Fall, 3(3-0). A student may earn a maximum of 6 credits in all enrollments for this course. Interdepartmental with English. Administered by English. R: Open only to graduate students in College of Arts and Letters. Approval of department. Historical survey of Anglophone literature of South Asia. Special attention to literary traditions of India.

890. Independent Study
Fall, Spring, Summer. 1 to 4 credits. A student may earn a maximum of 6 credits in all enrollments for this course. 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.

895. Seminar in Linguistics
Fall, Spring, 3(3-0). A student may earn a maximum of 9 credits in all enrollments for this course. P: 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.

899. Master's Thesis Research
Fall, Spring, Summer. 1 to 6 credits. A student may earn a maximum of 6 credits in all enrollments for this course. Approval of department. Directed research leading to a master's thesis, used in partial fulfillment of Plan A master's degree requirements.

900. Doctoral Dissertation Research
Fall, Spring, Summer. 1 to 6 credits. A student may earn a maximum of 36 credits in all enrollments for this course. Approval of department.

LINGUISTICS AND LANGUAGES

Department of Linguistics and Germanic, Slavic, Asian, and African Languages

College of Arts and Letters

290. Independent Study
Fall, Spring, Summer. 1 to 6 credits. A student may earn a maximum of 9 credits in all enrollments for this course. Approval of department. Special projects in Linguistics and Languages arranged by an individual student and a faculty member in areas supplementing regular course offerings.

352. Asian American Writing
Spring. 3 credits. Interdepartmental with English. Administered by English. P: 3 credits of literature. R: Completion of Tier I writing requirement. Writing by Americans of Asian descent. Attention to artistic, historical, and cultural contexts.

360. World Literature
Fall, Spring (3-0). Interdepartmental with English and Romance Languages. Administered by English. P: 6 credits of literature. R: Not open to freshmen. Open only to students in the College of Arts and Letters. Works which address material and cultural realities from a global rather than a national or regional perspective. Emphasis on texts, translated into or written in English, from the Orient, the Middle East, Africa, and the Caribbean.

361. Asian Literature in English or in English Translation
Fall, Spring (3-0). Interdepartmental with English. Administered by English. P: 3 credits of literature. R: Completion of Tier I writing requirement. Literary traditions of a major Asian civilization—Chinese, Indian or Japanese. Historical, cultural, and international contexts of Asian literature.

380. Methods of Teaching Foreign Languages
Spring of odd-numbered years. 3(3-0). P: GRM 202 or RUS 202 or CHS 202 or JPN 202 or approval of department. R: Open only to undergraduates in the East Asian Languages and Cultures or German or Russian major with a teacher certification option or in the German or Japanese or Russian minor. Methods of teaching Germanic, Slavic, Asian, and African languages for teacher education candidates. Theories of second language acquisition and practical application of teaching strategies.

413. Slavic Language I (MTC)
Fall, 4(4-1). A student may earn a maximum of 8 credits in all enrollments for this course. Approval of department. Development of skills in speaking, reading, listening comprehension, and writing in a Slavic language other than Russian, such as Serbo-Croatian, Polish, Czech, or Ukrainian.

SA: RUS 413

414. Slavic Language II (MTC)
Spring, 4(4-1). A student may earn a maximum of 8 credits in all enrollments for this course. Approval of department. Further development of skills in speaking, reading, listening comprehension, and writing in a Slavic language other than Russian, such as Serbo-Croatian, Polish, Czech, or Ukrainian.

SA: RUS 414

461. Second-Language Acquisition
Fall. 3 credits. Interdepartmental with English. Administered by English. R: Not open to freshmen and sophomores except with approval of department. Completion of Tier I writing requirement. Factors in second-language learning such as age, motivation, language input and interaction, social influences, the role of the native language, and language universals.

474. Aesthetic Theory and Modernism
Fall. 4 credits. Interdepartmental with Philosophy, History of Art, English, Music, and Romance Languages. Administered by Philosophy. R: Not open to freshmen and sophomores. Completion of Tier I writing requirement. Problems, assumptions, and arguments of modern aesthetic theory examined in the context of debates over modernity and modernist artistic practice.

490. Independent Study
Fall, Spring, Summer. 1 to 6 credits. A student may earn a maximum of 9 credits in all enrollments for this course. Approval of department. Special projects in Linguistics and Languages arranged by an individual student and a faculty member in areas supplementing regular course offerings.

491. Special Topics in Linguistic and Languages
Fall, Spring, Summer. 1 to 4 credits. A student may earn a maximum of 12 credits in all enrollments for this course. Approval of department. Special topics supplementing regular course offerings proposed by faculty on a group study basis.

821. Proseminar in Comparative Literature
Fall. 3(3-0). Interdepartmental with Arts and Letters, English, and Romance Languages. Administered by Arts and Letters. R: Approval of college. History and practice of comparative literature including foundational concepts and current directions.

822. Methods of Comparative Literature
Fall, Spring, 3(3-0). A student may earn a maximum of 6 credits in all enrollments for this course. Interdepartmental with Arts and Letters, English, and Romance Languages. Administered by Arts and Letters. P: AL 821 or approval of college. R: Open only to graduate students in College of Arts and Letters. Case studies in international literary tradition, reception, and transmission. Approaches to genre and period. History and aesthetics of reception.
823. Seminar in Comparative Literary Criticism
Fall, Spring. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course. Interdepartmental with Arts and Letters, English, and Romance Languages. Administered by Arts and Letters. P: LBS 111 or LBS 117 or MTH 116 or designated score on mathematics placement test. R: Open only to students in Lyman Briggs School. Not open to students with credit in MTH 120 or MTH 134 or MTH 132 or MTH 140 or MTH 140H. Further applications of one variable calculus. Infinite series. Ordinary differential equations.

825. Comparative Critical Theory
Spring. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course. Interdepartmental with Arts and Letters, English, and Romance Languages. Administered by Arts and Letters. P: LBS 111 or MTH 116. R: Open only to Lyman Briggs School majors. Not open to students with credit in MTH 120 or MTH 134 or MTH 132 or MTH 140 or MTH 140H. Continuation of LBS 118. Further applications of one variable calculus. Infinite series. Ordinary differential equations.

118. Calculus I
Fall, Spring. 5(5-0) P: LBS 117 or MTH 110 or MTH 116 or designated score on mathematics placement test. R: Open only to students in Lyman Briggs School. Not open to students with credit in MTH 120 or MTH 134 or MTH 132 or MTH 140 or MTH 140H. Continuation of LBS 118. Further applications of one variable calculus. Infinite series. Ordinary differential equations.

119. Calculus II
Fall, Spring. 4(4-0) P: LBS 118. R: Open only to Lyman Briggs School majors. Not open to students with credit in MTH 120 or MTH 134 or MTH 132 or MTH 140 or MTH 140H. Further applications of one variable calculus. Infinite series. Ordinary differential equations.

120. Introduction to C Language with Applications
Spring. 3(3-0) P: LBS 118. R: Open only to Lyman Briggs School majors. Not open to students with credit in CPS 101 or CPS 131 or CPS 230. Computer programming using the C language and the UNIX operating system. Emphasis on scientific and mathematical applications.

121. Introduction to FORTRAN Language and Applications
Fall. 3(3-0) P: LBS 118 or concurrently, R: Open only to Lyman Briggs School majors. Not open to students with credit in CPS 131. Computer programming using the FORTRAN language and the UNIX operating system with emphasis on scientific and mathematical applications.

122. Personal Computers and Networks
Fall, Spring. 4(4-0) P: LBS 110 or MTH 116. R: Open only to Lyman Briggs School majors. Not open to students with credit in CPS 101. Selecting, installing, and using personal computer software and hardware. Computer networks.

123. Introduction to Science and Technology Studies
Fall, Spring. 4(4-0) P: Designated score on English placement test. R: Open only to Lyman Briggs School majors. Not open to students with credit in MC 111 or MC 112 or ATL 110 or ATL 115 or ATL 129 or ATL 129 or ATL 130 or ATL 140 or ATL 146 or ATL 150 or ATL 1561H or ATL 1562H or ATL 156H or ATL 159. Instruction and practice in expository writing. Paper and report topics drawn from readings in the history, philosophy, and other areas of science and technology.

144. Biology I: Organismal Biology
Fall, Spring. 4(3-3) R: Open only to Lyman Briggs School majors. Not open to students with credit in BS 110. Modern biology at the organismal level of integration. Principles of genetics, evolution, ecology, and organismal diversity as interactive units.

145. Biology II: Cellular and Molecular Biology
Fall, Spring. 4(3-3) P: LBS 144 or CEM 151 or CEM 151 or CEM 151 or CEM 181H or CEM 181H or CEM 181 or CEM 181H. Not open only to Lyman Briggs School majors. Not open to students with credit in BS 111. Modern biology at the cellular level of integration. Principles of cell structure and function are used to explain processes of bioenergetics, protein synthesis, and development.

158. History of Literature of Africa and the Diaspora
Fall, Spring. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course. Interdepartmental with English Letters. Administered by English. R: Open only to graduate students in College of Arts and Letters. Literature of Africa and the Diaspora with emphasis on Third World critical approaches, non-canonical perspectives, and problems.

99B. 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 English and Romance Languages. Administered by English. R: Open only to graduate students in College of Arts and Letters. Critical approaches to genre, periodization, and influence in English and other literatures.

99D. Topics in the Literature of Africa and the African Diaspora
Spring. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course. Interdepartmental with English and Romance Languages. Administered by English. R: Approval of department.

99E. Topics in Anglophone South Asian Literature
Spring. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course. Interdepartmental with English. Administered by English. R: Open only to graduate students in College of Arts and Letters. Approval of department. Analysis of an area of South Asian literature written in English.

LYMAN BRIGGS SCHOOL — LBS

Lyman Briggs School
College of Natural Science

117. College Algebra and Trigonometry
Fall. 3(3-0) P: Open only to Lyman Briggs School majors. Not open to students with credit in MTH 103 or MTH 110 or MTH 116 or MTH 120. Rational and real numbers, functions and inverses, equations, simultaneous equations, inequalities, graphing, trigonometry.

148H. Honors Organismal Biology
Fall. 3(3-0) Interdepartmental with Biological Science. R: Honors College student or approval of department. Not open to students with credit in BS 110 or LBS 144. Diversity and basic properties of organisms, with emphasis on genetic principles, ecological interactions, and the evolutionary process. Historical approach to knowledge discovery.

149H. Honors Cell and Molecular Biology
Spring. 3(3-0) Interdepartmental with Biological Science. P: CEM 141 or CEM 151 or CEM 181H or LBS 137: Honors Cell and Molecular Biology. R: Honors College student or approval of department. Not open to students with credit in BS 111 or LBS 145. The physicochemical and molecular organization of cells as the unifying framework for genetics, evolution, and social relevance of biology.

158H. Honors Organismal Biology Laboratory
Fall. 2(1-3) Interdepartmental with Biological Science. C: LBS 144H concurrently. R: Honors College student or approval of department. Not open to students with credit in BS 110 or LBS 144. Basic procedures used by organismal biologists, including experimental design and statistical methods. Development and implementation of research projects to test hypotheses in genetics, ecology, and evolution.

164. Introduction to Physics and Chemistry I
Fall, Spring. 4(4-0) P: LBS 111 or concurrently or MTH 116. R: Open only to Lyman Briggs School majors. Not open to students with credit in PHY 181B or PHY 183 or PHY 183B or PHY 231 or PHY 231B or PHY 193H. Basic physics principles, problem solution techniques. Mechanical systems, elementary thermodynamics, vibrations and waves. Atoms and nuclei.

164L. Introductory Physics Laboratory I
Fall. 3(3-3) P: LBS 144 or concurrently, R: Open only to Lyman Briggs School majors. Not open to students with credit in PHY 182 or PHY 251. Techniques and instruments in the physics laboratory. Selected experiments in classical and modern physics.

165. Introduction to Chemistry and Physics I
Spring. 4(4-0) P: LBS 144. R: Open only to Lyman Briggs School majors. Not open to students with credit in CEM 141 or CEM 152 or CEM 182H. Chemical principles: structure and bonding, periodic properties. Stoichiometry, states of matter. Solubility, acids and bases, equilibria. Thermodynamics, kinetics.

165L. Introductory Chemistry Laboratory I
Spring. 1 credit. P: LBS 144. R: Open only to Lyman Briggs School majors. Not open to students with credit in CEM 161 or CEM 181H. Determination of density and molecular weight. Stoichiometry. Acid-base titration, redox titration. Reaction kinetics, thermochromy, Beer's law, freezing point depression, and equilibrium constants.