Beginning Individualized Less
College of Arts and Letters
Germanic, Slavic, Asian
LANGUAGES
LINGUISTICS AND   LL
Linguistics—LIN

Master's Research
Fall, Spring, Summer. 1 to 3 credits. A stu-
dent may earn a maximum of 3 credits in all
enrollments for this course. R: Approval of
department.
898 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: Ap-
proval of department.
Directed research leading to a master's thesis, used
in partial fulfillment of Plan A master's degree re-
quirements.
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: Ap-
proval of department.
Doctoral dissertation research.

Commonly Taught Languages
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) A student may earn a maximum
of 12 credits in all enrollments for this
course. RB: No prior experience learning
the language. Students' language ability will
be assessed in the first few days of the
course.
Individualized study of any of the less commonly
taught languages at the elementary level. Speaking,
reading, and writing. Development of oral proficiency
skills.
152 Beginning Individualized Less
Commonly Taught Languages II
Spring. 4(4-1) A student may earn a maxi-
num of 12 credits in all enrollments for this
course. R: Approval of department.
Further individualized work on speaking, reading and writing a less commonly
 taught language. Continued development of oral
proficiency skills.

153 Advanced Less Commonly Taught
Language I
Fall. 4(4-0) A student may earn a maximum of 8 credits in all enrollments for this
course. RB: Oral proficiency in the language learned
in the home or in a bilingual school envi-
rionment. R: Approval of department.
Advanced-level language class specifically for the
heritage language speaker who acquired oral profi-
ciency in the language at home or in a bilingual
school environment. Development of advanced
level oral and aural skills, as well as academic com-
petence in the written language and acquisition of
the writing system.

154 Advanced Less Commonly Taught
Language II
Spring. 4(4-0) A student may earn a maxi-
mum of 8 credits in all enrollments for this
course. RB: Oral proficiency in the language
learned in the home or in a bilingual school
environment: R: Approval of department.
Further advanced-level language study specifically for the
heritage language speaker who acquired oral profi-
ciency in the language at home or in a bilingual
school environment. Development of near-native
oral and aural skills, as well as native-like mastery of
the written language and writing system.

155 Independent Study
Fall, Spring, Summer. 1 to 6 credits. A stu-
dent may earn a maximum of 9 credits in all
enrollments for this course. R: Approval of
department.
Special projects in Linguistics and Languages ar-
ranged by an individual student and a faculty mem-
ber in areas supplementing regular course offerings.

156 Asian American Writing
Spring. 3(3-0) Interdepartmental with Eng-
lish. Administered by Department of English.
P: Completion of Tier I writing requirement.
RB: 3 credits of literature.
Writing by Americans of Asian descent. Attention to
artistic, historical, and cultural contexts.

157 Slavic Language I
Fall. 4(4-1) A student may earn a maximum of 8 credits in all enrollments for this
course. R: Approval of department.
SA: RUS 413 Development of skills in speaking, reading, listening
comprehension, and writing in a Slavic language
other than Russian.

158 Polish I
Fall. 4(4-1) R: Approval of department. SA:
RUS 413A Development of skills in speaking, reading, listening
comprehension, and writing in Polish.

159 Slavic Language II
Spring. 4(4-1) A student may earn a maxi-
mum of 8 credits in all enrollments for this
course. P: (LL 413) R: Approval of depart-
ment. SA: RUS 414
Further development of skills in speaking, reading,
listening comprehension, and writing in a Slavic
language other than Russian.

160 Polish II
Spring. 4(4-1) P: (LL 413A) R: Approval of
department. SA: RUS 414A
Further development of skills in speaking, reading,
listening comprehension, and writing in Polish.

161 Aesthetic Theory and Modernism
Fall. 4(4-0) Interdepartmental with Philoso-
phy; English; History of Art; Music; Ro-
mance Languages. Administered by De-
partment of Philosophy. R: Not open to
freshmen or sophomores.
Problems, assumptions, and arguments of modern
aesthetic theory examined in the context of debates
over modernity and modernist artistic practice.

162 Independent Study
Fall, Spring, Summer. 1 to 6 credits. A stu-
dent may earn a maximum of 9 credits in all
enrollments for this course. R: Approval of
department.
Special projects in linguistics and languages ar-
ranged by an individual student and a faculty mem-
ber in areas supplementing regular course offerings.

163 Proseminar in Comparative Literature
Fall. 3(3-0) Interdepartmental with Arts
and Letters; English; Romance Languages. Ad-
ministered by College of Arts and Letters. R: 
Open only to graduate students in the Col-
lege of Arts and Letters. R: History and practice of comparative literature includ-
ing foundational concepts and current directions.
822 Methods of Comparative Literature
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; Romance Languages. Administered by College of Arts and Letters. R: Open only to graduate students in the 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. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course. Interdepartmental with Arts and Letters; English; Romance Languages. Administered by College of Arts and Letters. R: Open only to graduate students in the College of Arts and Letters. Theory and practice of comparative literary criticism, with attention to the development of critical approaches and to current topics in the critical literature.

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 English; Arts and Letters; Romance Languages. R: Open only to graduate students in the College of Arts and Letters. Critical theory of comparative literature, including comparative studies in rhetorical theory and discourse analysis.

863 The Literatures of Africa and the Diaspora
Spring. 3(3-0) Interdepartmental with English; Romance Languages. Administered by Department of English. R: Open only to graduate students in College of Arts and Letters. Literatures of Africa and the Diaspora with emphasis on Third World critical approaches, non-canonical perspectives, and problems.

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 English; Romance Languages. Administered by Department of English. R: Open only to Ph.D. students. Approval of department. Critical approaches to genre, periodization, and influence in English and other literatures.

991D 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; Romance Languages. Administered by Department of English. Authors, movements, and cultures of the literature of Africa and the African diaspora.

LYMAN BRIGGS SCHOOL

Lyman Briggs School
College of Natural Science

117 College Algebra and Trigonometry
Fall. 3(3-0) P: Designated score on Mathematics placement test. R: Open only to students in Lyman Briggs School. Not open to students with credit in MTH 103 or MTH 116. Rational and real numbers. Functions and inverses. Equations, simultaneous equations. Inequalities. Graphing. Trigonometry.

118 Calculus I
Fall, Spring. 4(4-0) P: (LBS 117 or MTH 116 or MTH 114) or designated score on Mathematics placement test. R: Open only to students in Lyman Briggs School. Not open to students with credit in MTH 132 or MTH 133 or MTH 152H. Limits, continuity, differentiation, integration, and elementary applications.

119 Calculus II
Fall. Spring. 4(4-0) P: (LBS 118) R: Open only to students in Lyman Briggs School. Not open to students with credit in MTH 133 or MTH 153H or MTH 235. Continuation of LBS 118. Further applications of one variable calculus. Infinite series. Ordinary differential equations.

126 Personal Computers and Networks
Fall, Spring. 3(3-0) R: Open only to students in Lyman Briggs School. Not open to students with credit in CSE 101. Selecting, installing and using personal computer software and hardware. Computer networks.

133 Introduction to Science and Technology Studies
Fall, Spring. 4(4-0) P: Designated score on English placement test. R: Open only to students in Lyman Briggs School. Not open to students with credit in AL 192 or AL 192H or ATL 110 or ATL 120 or ATL 125 or ATL 130 or ATL 135 or ATL 140 or ATL 145 or ATL 150 or ATL 165 or MC 111 or MC 112 or ATL 115. 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 students in Lyman Briggs School. 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. 5(3-4) P: (LBS 144 or BS 110 or LBS 148H) and (CEM 141 or CEM 151 or concurrently or CEM 181H or concurrently or LBS 171 or concurrently) R: Open only to students in Lyman Briggs School. Not open to students with credit in BS 111. Modern biology mainly at the cellular level of integration. Principles of cell structure and function are used to explain processes of bioenergetics, protein synthesis, and development.

148H Honors Organismal Biology
Fall. 3(3-0) Interdepartmental with Biological Science. R: Honors College student or approval of school. 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 concurrently or CEM 151 or concurrently or CEM 181H or concurrently or LBS 171 or concurrently) R: Honors College student or approval of school. Not open to students with credit in BS 111 or LBS 145. Exploration of the physicochemical and molecular organization of cells as the unifying framework for genetics, evolution, and the social relevance of biology.

158H Honors Organismal Biology Laboratory
Fall. Spring. 2(1-3) Interdepartmental with Biological Science. Not open to students with credit in BS 110 or LBS 144. C: LBS 148H concurrently. 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.

159H Honors Cell and Molecular Biology Laboratory
Spring. 2(1-3) Interdepartmental with Biological Science. Not open to students with credit in BS 111 or LBS 145. C: LBS 149H concurrently. Basic techniques of cellular and molecular biology including experimental design and hypothesis formulation. Student-initiated projects to test hypothesis-driven projects in biochemistry, molecular biology or genetics.

171 Principles of Chemistry I - Structure
Fall. 4(4-0) P: (LBS 117 or concurrently or MTH 116 or concurrently or MTH 132 or concurrently or MTH 133 or concurrently or MTH 152H or concurrently or LBS 118 or concurrently or MTH 119 or concurrently) R: Open only to students in Lyman Briggs School. SA: LBS 165 Not open to students with credit in CEM 141 or CEM 151 or CEM 181H. C: LBS 171L concurrently. Chemical principles: structure and bonding, periodic properties. Stoichiometry, states of matter. Solutions, acids and bases, equilibria, thermodynamics, and kinetics.