LATIN

201*. Latin Prose
Fall, Spring. 4(4-1)
P: LTN 102 or designated score on Latin placement test. R: LTN 102 or placement
Intermediate-level Latin prose based on readings of such authors as Sallust, Livy, and Cicero.
QP: LTN 103  QA: LTN 201 LTN 202

202*. Latin Poetry
Spring. 4(4-1)
P: LTN 201. R: LTN 201 or placement
Intermediate-level Latin poetry of the Republic and Augustan periods.
QP: LTN 201 QA: LTN 203 LTN 205

290*. Independent Study
Fall, Spring, Summer. 1 to 4 credits. May reenroll for a maximum of 4 credits.
R: Approval of the Department
Special projects arranged by an individual student and a faculty member in areas supplementing regular course offerings.
QA: LTN 299

301*. Republican Prose and Poetry
Fall of even-numbered years. 3(3-0)
P: LTN 202. R: LTN 202 or placement
Cicero, Caesar, Sallust, Plautus, Terence, Catullus, and laurceus.
QP: LTN 203 QA: LTN 300

302*. Augustan Poetry
Spring of odd-numbered years. 3(3-0)
Poetry of Augustan Rome. Virgil, Horace, Propertius, Tibullus, and Ovid.
QP: LTN 203 QA: LTN 300

401*. Augustan and Early Imperial Prose
Fall of odd-numbered years. 3(3-0)
P: LTN 301 or LTN 302.
Augustan and Early Imperial prose writers. Livy, Augustus, Tacitus, Petronius, Suetonius, and others.
QP: LTN 300 QA: LTN 490

402*. Imperial Poetry
Spring of odd-numbered years. 3(3-0)
P: LTN 301 or LTN 302.
Poets of the Empire Lucan, Seneca, Persius, Juvenal, Silius Italicus, Statius, and others.
QP: LTN 300 QA: LTN 490

490*. Independent Study
Fall, Spring, Summer. 1 to 4 credits. May reenroll for a maximum of 4 credits.
R: Approval of the Department
Special projects arranged by an individual student and a faculty member in areas supplementing regular course offerings.
QA: LTN 499

499*. Senior Thesis
Fall, Spring. 3-0
P: LTN 402. R: Approval of department.
Senior thesis under the direction of a faculty member.
QP: LTN 490

LINGUISTICS

LIN

271*. Language in Society
Fall, Spring. 3(3-0)
R: Not open to students with credit in LIN 471.
Sociolinguistic values of languages and their variation. Origin, status and function of language varieties in social settings. Factors influencing language change and maintenance in individuals and social groups.
QA: LTN 299

281*. Introduction to Linguistics
Fall, Spring. 4(4-0)
The scientific study of human languages. Basic goals, concepts, methodologies and research results of modern theoretical and applied linguistics with examples from a variety of languages.
QA: LIN 491

311*. History of Linguistics
Fall. 3(3-0)
P: LIN 200 or LIN 401
Origin and development of linguistic studies from ancient Greece to present. Foundation for the understanding of contemporary issues in linguistics and in society.
QP: LTN 206 LIN 401 QA: LIN 408

384*. Phonology
Fall, Spring. 3(3-0)
P: LIN 200 or LIN 401
Sounds and sound systems: articulatory phonetics, phonetic features and components, phonological rules, and phonology in contemporary linguistic theories.
QP: LTN 200 OR LIN 401 QA: LIN 402

431*. Morphological and Syntactic Phenomena
Spring. 4(4-0)
P: LIN 424 or concurrently
Essential phenomena of morphology and syntax in the languages of the world, including formal methods for their description. Structure of words in terms of morphemes; structure of phrases, clauses, and sentences; and relations between words.
QP: LTN 200 LIN 401 OR LTN 402 QA: LIN 403

437*. Semantics and Pragmatics
Spring. 3(3-0)
P: LIN 200 or LIN 401 or approval of department
Important semantic properties and relations. Entailment, ambiguity, theories of word meaning, sentence meaning and logical form. Topics in pragmatics, such as presupposition, conversational implicature, speech acts.
QP: LTN 200 OR LIN 401 QA: LIN 431

441*. Historical Linguistics
Spring. 3(3-0)
P: LIN 431 or concurrently
Types of linguistic change and the methods used by linguists to study the historical development of languages and language families.
QP: LTN 403 QA: LTN 471 LIN 404

450*. Child Language Acquisition
Spring. 3(3-0)
P: LIN 200 or LIN 401. R: Not open to students with credit in LIN 404.
QP: LTN 200 OR LIN 401 QA: LIN 404

471*. Sociolinguistics
Fall. 3(3-0)
P: LIN 200 or LIN 401
Linguistic and social psychological bases for language choice. Accounts of language variation and related phenomena such as speech community, communicative competence, dialect, and language change.
QP: LTN 200 LIN 401 QA: LIN 415

490*. Independent Study
Fall, Spring, Summer. 1 to 4 credits. May reenroll for a maximum of 8 credits.
R: Approval of the Department
Special projects arranged by an individual student and a faculty member in areas supplementing regular course offerings.

491*. Special Topics
Fall, Spring, Summer. 1 to 4 credits. May reenroll for a maximum of 8 credits.
R: Approval of the Department
Special topics supplementing regular course offerings proposed by faculty on a group study basis.

499*. Senior Thesis Research(W)
Fall, Spring. 2(2-0)
R: Approval of the 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.
QA: LTN 490

813*. Foundations of American Structuralism
Fall of even-numbered years. 3(3-0)
P: LIN 431
Critical reading of basic texts in linguistics from 1900 to the 1960s relating to American structuralism and its major offshoots.
QP: LTN 403 LIN 404 QA: LTN 808

815*. Stratificational Linguistics
Fall of odd-numbered years. 3(3-0)
The theory of language developed by Sydney M. Lamb and its application to grammatical, semological, and phonological phenomena. The relation of stratificational theory to other views of language.
QP: LTN 403 OR LIN 404 QA: LIN 821 LIN 831

824*. Issues in Phonology
Fall. 3(3-0)
P: LIN 424
Findings, theories, current issues and research in the study of the sound systems of language. Methods of phonological analysis and argumentation.
QP: LTN 402 QA: LIN 821

834*. Issues in Syntax
Fall. 3(3-0)
P: LIN 434
Findings, theories, current issues and research in the study of the structure of sentences and structural relations among sentences. Methods of syntactic analysis and argumentation.
QP: LTN 431 QA: LIN 831

837*. Advanced Studies in Semantics and Pragmatics
Fall of even-numbered years. 3(3-0)
May reenroll for a maximum of 6 credits.
P: LTN 437 R: For reenrollment, approval of department.
Research on selected topics in semantics and/or pragmatics, such as noun phrase interpretation, tense and aspect, conversational implicature, negation. Advanced level analytical techniques.
QP: LTN 435 QA: LTN 835
LYMAN BRIGGS SCHOOL  LBS

117*. College Algebra and Trigonometry  Fall, Spring, Summer. R: Open only to Lyman Briggs School majors. Designed score on mathematics placement test. Not open to students with credit in MTH 110 or MTH 110 or MTH 120. Rational and real numbers. Functions and inverses. Equations, simultaneous equations. Inequalities. Graphing. Trigonometry.

118*. Calculus I  Fall, Spring. 5(4-0) P: LBS 117 or MTH 110 or MTH 116 or designated score on mathematics placement test. R: Open only to Lyman Briggs School majors. Not open to students with credit in MTH 110 or MTH 120 or MTH 122 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 Lyman Briggs School majors. Not open to students with credit in MTH 135 or MTH 152H or MTH 235. Continuation of LBS 118. Further applications of one variable calculus. Infinitesimal. 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 130 or CPS 131 or CPS 230. Programming using the C language and the UNIX operating system. Emphasis on scientific and mathematical applications.

121*. Personal Computers and Networks  Fall, Spring. 3(3-0) R: Open only to Lyman Briggs School majors. Not open to students with credit in CPS 100. Selecting, installing and using personal computer software and hardware. Computer networks.

122*. Introduction to FORTRAN Language with Applications  Fall. 3(3-0) P: LBS 118. 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.

123*. Introduction to Science and Technology Studies  Fall, Spring. 4(4-0) R: Open only to Lyman Briggs School majors. Instruction and practice in expository writing, paper and report topic 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 BSS 110. Principles of evolutionary theory, population biology, and organismal diversity as interactive units.

145*. Biology II: Cellular and Molecular Biology  Fall, Spring. 4(3-3) P: LBS 144; CEM 141 or CEM 151 or CEM 181B or LBS 165R. R: Open only to Lyman Briggs School majors. Not open to students with credit in BSS 111. Principles of genetics, evolution, ecology, and organismal diversity as interactive units.

164*. Introduction to Physics and Chemistry I  Fall. 3(3-0) P: LBS 117 or concurrently or MTH 118. R: Open only to Lyman Briggs School majors. Not open to students with credit in PHY 181H or PHY 183 or PHY 184 or PHY 231R or PHY 231B. Basic physics principles, problem solution techniques. Mechanical systems, elementary thermodynamics, vibrations and waves. Atoms and nuclei.

166*. Introductory Physics Laboratory I  Fall. 1(0-3) P: LBS 164 or concurrently. R: Open only to Lyman Briggs School majors. Not open to students with credit in PHY 192 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. 3(3-0) P: LBS 164. R: Open only to Lyman Briggs School majors. Not open to students with credit in CEM 141 or CEM 152 or CEM 181B. Chemical principles: structure and bonding, periodic properties. Stoichiometry, states of matter. Solutions, acids and bases, equilibria. Thermodynamics, kinetics. P: LBS 161. LBS 163 CEM 141 CEM 151 CEM 152

165L*. Introductory Chemistry Laboratory I  Spring. 1(0-3) P: LBS 165R or concurrently. R: Open only to Lyman Briggs School majors. Not open to students with credit in CEM 141 or CEM 152 or CEM 181B. Chemical principles: structure and bonding, periodic properties. Stoichiometry, states of matter. Solutions, acids and bases, equilibria. Thermodynamics, kinetics.

220*. Calculus III  Fall, Spring. 5(5-0) P: LBS 119. R: Open only to Lyman Briggs School majors. Not open to students with credit in MTH 234 or MTH 235 or MTH 254H or MTH 255H. Continuation of LBS 119. Three dimensional vector geometry, differential calculus of functions of two or three variables. Double and triple integrals, line integrals.

333*. Introduction to Science and Technology Studies  Fall, Spring. 4(4-0) R: Open only to Lyman Briggs School majors. Instruction and practice in expository writing, paper and report topic drawn from readings in the history, philosophy, and other areas of science and technology. P: LBS 113 MTH 113 R: Open only to Lyman Briggs School majors. Not open to students with credit in BSS 110. Principles of evolutionary theory, population biology, and organismal diversity as interactive units.

QA: LIN 999