<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Description</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>201 Latin Prose Fall, 4(4-1)</td>
<td></td>
<td>Intermediate-level Latin prose based on readings of such authors as Sallust, Livy, and Cicero.</td>
<td>P: LTN 102 or designated score on Latin placement test.</td>
</tr>
<tr>
<td>202 Latin Poetry Spring, 4(4-1)</td>
<td></td>
<td>Intermediate-level Latin poetry of the Republic and Augustan periods.</td>
<td>QP: LTN 201, LTN 203</td>
</tr>
<tr>
<td>290 Independent Study Fall, Spring, 1 to 4 credits.</td>
<td></td>
<td>Special projects arranged by an individual student and a faculty member in areas supplementing regular course offerings.</td>
<td>Q: LTN 299</td>
</tr>
<tr>
<td>301 Republican Prose and Poetry Fall of even-numbered years. 3(3-0)</td>
<td></td>
<td></td>
<td>P: LTN 203, Cicero, Caesar, Sallust, Plautus, Terence, Catullus, and Lucretius.</td>
</tr>
<tr>
<td>302 Augustan Poetry Spring of even-numbered years. 3(3-0)</td>
<td></td>
<td>Poetry of Virgil, Horace, Propertius, Tibullus, and Ovid.</td>
<td>QP: LTN 203 QA: LTN 300</td>
</tr>
<tr>
<td>401 Augustan and Early Imperial Prose Fall of odd-numbered years. 3(3-0)</td>
<td></td>
<td></td>
<td>P: LTN 301 or LTN 302, Augustan and Early Imperial prose writers. Livy, Tacitus, Plutarchus, Suetonius, and others.</td>
</tr>
<tr>
<td>402 Imperial Poetry Spring of odd-numbered years. 3(3-0)</td>
<td></td>
<td></td>
<td>P: LTN 301 or LTN 302, Poets of the Empire: Lucan, Seneca, Persius, Juvenal, Silius Italicus, Statius, and others.</td>
</tr>
<tr>
<td>499 Senior Thesis Fall, Spring, 2 credits.</td>
<td></td>
<td>R: Approval of department.</td>
<td>P: LTN 402</td>
</tr>
<tr>
<td>409 Introduction to Linguistics Fall, Spring, 4(4-0)</td>
<td></td>
<td>Basic goals, concepts, methods, and research results of modern theoretical and applied linguistics. Examples from a variety of languages.</td>
<td>R: Not open to students with credit in LIN 400.</td>
</tr>
<tr>
<td>411 History of Linguistics Fall, 3(3-0)</td>
<td></td>
<td>Origin and development of linguistic studies from ancient Greece to the present. Foundation for the understanding of contemporary issues in linguistics and in society.</td>
<td>P: LIN 200 or LIN 401 QA: LIN 408</td>
</tr>
<tr>
<td>424 Phonology Fall, Spring, 3(3-0)</td>
<td></td>
<td>Sounds and sound systems: articulatory phonetics, phonetic features and components, classical phonemics, and phonology in contemporary linguistic theories.</td>
<td>P: LIN 200 or LIN 401 QA: LIN 403</td>
</tr>
<tr>
<td>433 Syntax Fall, 3(3-0)</td>
<td></td>
<td>Structure of sentences and structural relations among sentences. Methods of syntactic analysis and argumentation.</td>
<td>P: LIN 200 or LIN 401 QA: LIN 433</td>
</tr>
<tr>
<td>437 Semantics and Pragmatics Spring, 3(3-0)</td>
<td></td>
<td>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.</td>
<td>P: LIN 200 or LIN 401 QA: LIN 435</td>
</tr>
<tr>
<td>439 Historical Linguistics Spring, 3(3-0)</td>
<td></td>
<td>Types of linguistic change and the methods used by linguists to study the historical development of languages and language families.</td>
<td>P: LIN 431 or concurrently.</td>
</tr>
<tr>
<td>450 Child Language Acquisition Spring</td>
<td></td>
<td>Linguistic issues, perspectives and research on the acquisition of language by children.</td>
<td>P: LIN 200 or LIN 401</td>
</tr>
<tr>
<td>471 Sociolinguistics Fall, 3(3-0)</td>
<td></td>
<td>Linguistic and social psychological bases for language choice. Accounts of language variation and related larger constructions such as speech community, communicative competence, dialect, and language change.</td>
<td>P: LIN 200 or LIN 401 QA: LIN 410</td>
</tr>
<tr>
<td>490 Independent Study Fall, Spring, 1 to 4 credits.</td>
<td></td>
<td>A student may earn a maximum of 8 credits in all enrollments for this course.</td>
<td>R: Approval of department.</td>
</tr>
</tbody>
</table>

**LINGUISTICS - LIN**

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

**College of Arts and Letters**

- **209 Introduction to Language**
  - Fall, Spring, 3(3-0)
  - Not open to students with credit in LIN 401.
  - Human and societal aspects of the nature, use, acquisition, and history of languages.
  - QA: LIN 200

- **271 Language in Society**
  - Fall, Spring, 3(3-0)
  - Not open to students with credit in LIN 471.
  - Sociolinguistic values of languages and their varieties. Origin, status, and function of language varieties in larger social settings. Factors influencing language change and maintenance in individuals and social groups.
  - QA: LIN 280

**Linguistics — Descriptions of Courses**
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.
R: Approval of department.
Special projects in linguistics and languages arranged by an individual student and a faculty member in special supplementing regular course offerings.
QA: LOA 499

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

LYMAN BRIGGS SCHOOL

LBS
Lyman Briggs School
College of Natural Science

117. College Algebra and Trigonometry
Fall, 3(0-0)
R: Open only to Lyman Briggs School majors. Designated score on mathematics placement test. Placement in this course is by designated score on mathematics placement test. A student may not enroll in this course for credit if they have previously received credit in MTH 103 or MTH 110 or MTH 116 or MTH 120.

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 Lyman Briggs School majors. Not open to students with credit in MTH 120 or MTH 124 or MTH 123 or MTH 129H. Limits, continuity, differentiation, integration, and elementary applications.
QA: LBS 111, MTH 111, MTH 108, MTH 109

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 133 or MTH 153H or MTH 225.
Continuation of LBS 118. Further applications of one variable calculus. Infinite series. Ordinary differential equations.
QA: LBS 113, MTH 113 QA: LBS 113, MTH 113, MTH 217, MTH 215

125. 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.
Computer programming using the C language and the UNIX operating system. Emphasis on scientific and mathematical applications.
QA: MTH 112 or LBS 112

136. 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.

137. Introduction to FORTRAN Language with 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.

138. 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 CEM 111, CEM 112, ATL 110, ATL 125, ATL 130, ATL 145, ATL 154, ATL 155, ATL 156. Introduction and practice in expository writing. Paper and report topics drawn from readings in the history, philosophy, and other areas of science and technology.
QA: LBS 131, LBS 232

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 CEM 111.
Modern biology at the organismal level of integration. Principles of genetics, evolution, ecology, and organismal diversity as interactive disciplines.
QA: LBS 140, BS 212

145. Biology II: Cellular and Molecular Biology
Fall, Spring, 4(3-3)
P: LBS 145; CEM 141 or CEM 151 or CEM 181H or LBS 165 concurrently. R: 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 disease.
QA: LBS 140 QA: LBS 141, LBS 242, BS 210, BS 211

164. Introduction to Physics and Chemistry I
Fall, 3(3-0)
P: Open only to Lyman Briggs School majors. Not open to students with credit in PHY 192 or PHY 221.
An introduction to physics and chemistry with a laboratory experience. Emphasis on the core concepts of physics and chemistry and applications to the physical and biological sciences.
QA: LBS 165L, LBS 261H, PHY 257, PHY 259, PHY 297, PHY 299

164L. Introductory Physics Laboratory I
Fall, 1(0-0)
P: Open only to Lyman Briggs School majors. Not open to students with credit in PHY 192 or PHY 221.
Individuals and instruments in the physics laboratory. Selected experiments in classical and modern physics.
QA: LBS 165L, LBS 261H, PHY 257, PHY 259, PHY 297, PHY 299

165. Introduction to Chemistry and Physics I
Spring, 4(4-0)
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 152H.
QA: LBS 191, LBS 163, CEM 141, CEM 151, CEM 152

165L. Introductory Chemistry Laboratory I
Spring, 1(0-3)
P: LBS 165 or concurrently. R: Open only to Lyman Briggs School majors. Not open to students with credit in CEM 141 or CEM 152H.
QA: LBS 161L, LBS 163L, CEM 161

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 235H 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.
QA: LBS 113, MTH 113 QA: LBS 216, LBS 217, MTH 214, MTH 215

LINGUISTICS AND LANGUAGES

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

290. Independent Study
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R: Approval of department.
Special projects in Linguistics and Languages arranged by an individual student and a faculty member in special supplementing regular course offerings.
QA: LOA 299

300. Methods of Teaching Foreign Languages
Spring, even numbered years. 3(3-0)
P: GRM 205 or RUS 202 or CHR 202 or JPN 202 or approval of department.
Methods of teaching a foreign language. Theory of second language acquisition and practical application of teaching strategies.
QP: GRM 203 QA: T 340