## General Education Requirements 2014-2015

See Leo Online or the Undergraduate Catalog for full course descriptions and pre-requisites to enroll.

Some majors do not accept all options to fulfill a requirement. See your major curriculum sheet for your options.

### Written Communication: 6 credits required
- ENGL 110C English Composition (grade of C or better required)
- Select one of the following: 3
  - ENGL 211C English Composition (grade of C or better required)
  - ENGL 221C Introduction to Writing in Business, Education and Social Sciences (grade of C or better required)
  - ENGL 231C Introduction to Technical Writing (grade of C or better required)

### Notes
- All Arts & Letters majors must pass both courses with a final grade of “C” or better.
- Undergraduate students must pass ENGL 110C with a grade of C (2.0) or better in order to qualify to register for ENGL 211C or ENGL 221C or ENGL 231C. And to qualify to register for a writing intensive (W) course.

### Mathematics: 3 credits required
- MATH 101M An Introduction to Mathematics for Critical Thinking
- MATH 102M College Algebra
- MATH 103M College Algebra with Supplemental Instruction
- MATH 162M Precalculus I
- STAT 130M Elementary Statistics

### Notes
- B.S. degrees will require STAT 130M.
- See curriculum sheet.

### Oral Communication: 3 credits required
- COMM 101R Public Speaking
- COMM 103R Voice and Diction
- COMM 112R Introduction to Interpersonal Communication

### Notes
- Sometimes this requirement is met within your major. See curriculum sheet.

### Information Literacy and Research: 3 credits required
- CS 120G Introduction to Information Literacy and Research
- CS 121G Introduction to Information Literacy and Research for Scientists
- HLTH 120G Information Literacy for Health Professions
- IT 150G Basic Information Literacy and Research
- PHIL 290G Philosophy of Digital Culture
- STEM 251G Computer Literacy: Communication and Information

### Notes
- Sometimes this requirement is met within your major. See curriculum sheet.

### Language and Culture: 0-6 credits required
- ARAB 111F Beginning Arabic
- CHIN 111F Beginning Chinese
- FARS 111F Beginning Farsi
- FR 101F & FR 102F Beginning French I and Beginning French II
- GER 101F & GER 102F Beginning German I and Beginning German II
- HEBR 111F Beginning Hebrew I
- ITAL 101F & ITAL 102F Beginning Italian I and Beginning Italian II

### Notes
- Students will meet this requirement by successfully completing the 3rd level of one foreign language or the 2nd level of two foreign languages in high school. American Sign Language will be accepted in place of a foreign language.
- B.A. degrees will require additional credits. See curriculum sheet.
<table>
<thead>
<tr>
<th>JAPN 111F Beginning Japanese</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>LATN 101F &amp; LATN 102F</td>
<td></td>
</tr>
<tr>
<td>Beginning Latin I and Beginning Latin II</td>
<td></td>
</tr>
<tr>
<td>PRTG 101F &amp; PRTG 102F</td>
<td></td>
</tr>
<tr>
<td>Beginning Portuguese I and Beginning Portuguese II</td>
<td></td>
</tr>
<tr>
<td>RUS 101F &amp; RUS 102F</td>
<td></td>
</tr>
<tr>
<td>Beginning Russian I and Beginning Russian II</td>
<td></td>
</tr>
<tr>
<td>SPAN 101F &amp; SPAN 102F</td>
<td></td>
</tr>
<tr>
<td>Beginning Spanish I and Beginning Spanish II</td>
<td></td>
</tr>
<tr>
<td>SPAN 121F Intensive Beginning Spanish</td>
<td></td>
</tr>
</tbody>
</table>

**Human Creativity: 3 credits required**

- ARTH 121A Introduction to the Visual Arts
- ARTS 122A Visual Communication
- COMM/ THEA 270A Film Appreciation
- DANC 185A Dance and Its Audience
- MUSC 264A Music in History and Culture
- THEA 241A The Theatre Experience

**Notes**

Some majors have restrictions on course options in this category. See curriculum sheet.

**Literature: 3 credits required**

- ENGL 112L Introduction to Literature
- ENGL 114L American Writers, American Experiences.
- FLET 100L Understanding World Literature

**Notes**

Some majors have restrictions on course options in this category. See curriculum sheet.

**Interpreting the Past: 3 credits required**

- HIST 100H Interpreting the World Past Since 1500
- HIST 101H Interpreting the Asian Past
- HIST 102H Interpreting the European Past
- HIST 103H Interpreting the Latin America Past
- HIST 104H Interpreting the American Past
- HIST 105H Interpreting the African Past

**Notes**

When registering in Leo Online, if you choose a class section that meets 2 hours/week, sign up for a recitation to make up for the missing 3rd hour. Some majors have restrictions on course options in this category. See curriculum sheet.

**Human Behavior: 3-6 credits required**

- AAST 100S Introduction to African American Studies
- ANTR 110S Introduction to Anthropology
- COMM 200S Introduction to Human Communication
- CRJS 215S Introduction to Criminology
- ECON 200S Basic Economics
- ECON 201S Principles of Macroeconomics
- ECON 202S Principles of Microeconomics
- ENTR201S Introduction to Entrepreneurship
- FIN 210S Personal Financial Literacy
- GEOG 100S Cultural Geography
- GEOG 101S Environmental Geography
- POLS 100S Introduction to International Politics
- POLS 101S Introduction to American Politics
- POLS 102S Introduction to Comparative Government and Politics
- PSYC 201S Introduction to Psychology

**Notes**

Some majors have restrictions on course options in this category. See curriculum sheet.
### The Nature of Science: 8 credits require  
*Suggested for non-sci majors*
- BIOL 105N Biology for Nonscience Majors I
- BIOL 106N Biology for Nonscience Majors II
- BIOL 110N Environmental Sciences &
- BIOL 111N Environmental Science Lab
- ENTER BIOL112 N Environment and Man,
- BIOL 113N Environment and Man Laboratory
- BIOL 117N Introduction to Human Biology
- BIOL 118N Introduction to Human Biology Lab
- BIOL 121N General Biology I
- BIOL 122N General Biology I Lab
- BIOL 123N General Biology II
- BIOL 124N General Biology II Lab
- CHEM 105N & CHEM 106N Introductory Chemistry and
  Introductory Chemistry Laboratory
- CHEM 107N & CHEM 108N Introductory Organic and
  Biochemistry and Introductory Organic and Biochemistry
  Laboratory
- CHEM 121N & CHEM 122N Foundations of Chemistry I Lecture
  and Foundations of Chemistry I Laboratory
- CHEM 123N & CHEM 124N Foundations of Chemistry II Lecture
  and Foundations of Chemistry II Laboratory
- CHEM 137N & CHEM 138N Advanced General Chemistry I and II
  Lecture and Advanced General Chemistry I and II Laboratory
- OEAS 106N Introductory Oceanography
- OEAS 108N Understanding Global Climate Change
- OEAS 110N Earth Science or OEAS 111N Physical Geology
- OEAS 112N Historical Geology
- PHYS 101N Conceptual Physics
- PHYS 102N Conceptual Physics

### The Nature of Science Continued…
- PHYS 103N Introductory Astronomy
- PHYS 104N Introductory Astronomy
- PHYS 111N Introductory General Physics
- PHYS 112N Introductory General Physics
- PHYS 231N University Physics
- PHYS 232N University Physics

### Notes
Some majors have restrictions on course options in the category. See curriculum sheet.
Most Science courses require a lab to be taken in conjunction with lecture: BE SURE to select both when registering. Science courses with labs are worth 4 credit hours.

**Biology, Physics, Ocean/Earth Sciences:** Courses are listed in two-semester sequences. Ex.: BIOL 105N could be taken in the Fall, followed by BIOL 106N in the Spring. Each semester of the course is worth 4 credits (for lecture and lab). Courses do not have to be taken in sequence unless required by your major. In other words, you could choose one semester of Biology and one of Physics.

**Chemistry:** Lectures and Labs are listed separately. For example, CHEM 105N is lecture and CHEM 106N is lab. These courses are taken simultaneously for a total of 4 credits. CHEM 107N and 108N would be taken the next semester. Courses do not have to be taken in sequence unless required by your major.
*Some chemistry classes, e.g. Chem 121, have a recitation & lab that you MUST register for.*

### Philosophy and Ethics: 3 credits required
- PHIL 110P Introduction to Philosophy
- PHIL 120P Logic and Philosophy

### Notes
Sometimes this requirement is met within your major. See curriculum sheet.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHIL 140P</td>
<td>Introduction to Philosophy of Science</td>
</tr>
<tr>
<td>PHIL 230E</td>
<td>Introduction to Ethics</td>
</tr>
<tr>
<td>PHIL 250E</td>
<td>World Religions: Beliefs and Values</td>
</tr>
<tr>
<td>PHIL 303E</td>
<td>Business Ethics</td>
</tr>
<tr>
<td>PHIL 344E</td>
<td>Environmental Ethics</td>
</tr>
<tr>
<td>PHIL 345E</td>
<td>Bioethics</td>
</tr>
<tr>
<td>PHIL 442E</td>
<td>Studies in Applied Ethics</td>
</tr>
</tbody>
</table>

The Impact of Technology: 3 credits required

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM 372T</td>
<td>Introduction to New Media Technologies</td>
</tr>
<tr>
<td>CS 300T</td>
<td>Computers in Society</td>
</tr>
<tr>
<td>DNTH 440T</td>
<td>Telehealthcare Technology</td>
</tr>
<tr>
<td>EET 370T</td>
<td>Energy and the Environment</td>
</tr>
<tr>
<td>ENGL 307T</td>
<td>Digital Writing</td>
</tr>
<tr>
<td>GEOG 306T</td>
<td>Hazards: Natural and Technological</td>
</tr>
<tr>
<td>HIST 300T</td>
<td>The History of Sex and Sexual and Reproductive Technologies</td>
</tr>
<tr>
<td>HIST 304T</td>
<td>History of Medicine, Disease, and Health Technology</td>
</tr>
<tr>
<td>HIST 314 T</td>
<td>Tower, tanks and Time: Technology on the Eve of WWI</td>
</tr>
<tr>
<td>HIST 388 T</td>
<td>Discovering Earth's History</td>
</tr>
<tr>
<td>HIST 389T</td>
<td>Technology and Civilization</td>
</tr>
<tr>
<td>HIST 386T/SCI 302T</td>
<td>The Evolution of Modern Science</td>
</tr>
<tr>
<td>IT 360T</td>
<td>Principles of Information Technology</td>
</tr>
<tr>
<td>MUSC 335T</td>
<td>Music Production: MIDI I</td>
</tr>
<tr>
<td>PHIL 383T</td>
<td>Technology: Its Nature and Significance</td>
</tr>
<tr>
<td>POLS 350T</td>
<td>Technology and War</td>
</tr>
<tr>
<td>STEM 110T</td>
<td>Technology and Your World</td>
</tr>
<tr>
<td>STEM 370T</td>
<td>Technology and Society</td>
</tr>
<tr>
<td>WMST 390T</td>
<td>Women and Technology Worldwide</td>
</tr>
</tbody>
</table>

**Notes**

Many courses in this category have pre-requisites you must satisfy before being eligible for the class. Be sure to read course descriptions and plan accordingly.