For students admitted Fall 2014 - Summer 2015

**UNIVERSITY CORE REQUIREMENTS**

<table>
<thead>
<tr>
<th>Category</th>
<th>Courses</th>
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<tbody>
<tr>
<td><strong>ENGLISH (2 courses • 6 hrs)</strong></td>
<td>✔ UNIV 1001: University Perspectives: Destination Graduation (freshmen must complete during first year)</td>
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<tr>
<td><strong>U.S. HISTORY (1 course • 3 hrs)</strong></td>
<td>✔ HIST 2003 History of the American People to 1877</td>
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<tr>
<td><strong>FINE ARTS (1 course • 3 hrs)</strong></td>
<td>✔ ARCH 1003 Architecture Lecture</td>
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**MATHMATICS (1 course • 3-4 hrs)**
- ✔ MATH 1203/MATH 1204 College Algebra, MATH 1313 Quantitative Reasoning, or any higher level math course, including STAT 2303.

**HUMANITIES (1 course • 3 hrs)**
- ✔ World language at Intermediate I (2003) level
- ✔ AAST 2023 The African American Experience
- ✔ ARCH 1013 Diversity and Design
- ✔ CLST 1003 Intro to Classical Studies: Greece
- ✔ CLST 1013 Intro to Classical Studies: Rome
- ✔ COMM 1233 Media, Community, and Citizenship
- ✔ ENGL 1213 Intro to Literature
- ✔ HUMN 1124H Honors Eq. of Cultures, 500-1600*
- ✔ HUMN 2003 Intro to Gender Studies
- ✔ HUMN 2124H Honors 20th Century Global Culture*
- ✔ PHIL 2013 Intro to Ethics
- ✔ PHIL 2103 Intro to Philosophy
- ✔ PHIL 2203 Logic
- ✔ PHIL 3103 Ethics and the Professions
- ✔ WLIT 1113 World Literature I
- ✔ WLIT 1123 World Literature II

**NATURAL SCIENCES (2 courses • 8 hrs)**
- ✔ ANTH 1013/1011L Intro to Biological Anthropology
- ✔ ASTR 2003/2001L Survey of the Universe
- ✔ BIOL 1543/1541L Principles of Biology
- ✔ BIOL 1603/1601L Principles of Zoology
- ✔ BIOL 1613/1611L Plant Biology
- ✔ BIOL 2123/2211L Human Physiology
- ✔ BIOL 2443/2441L Human Anatomy
- ✔ CHEM 1053/1051L Chemistry in the Modern World
- ✔ CHEM 1073/1071L Fundamentals of Chemistry
- ✔ CHEM 1103/1101L University Chemistry I
- ✔ CHEM 1113 University Chem. for Engineers I
- ✔ CHEM 1123/1121L University Chemistry II
- ✔ CHEM 1133/1131L University Chem. for Engineers II
- ✔ CHEM 1213/1211L Chemistry for Majors I
- ✔ CHEM 1223/1221L Chemistry for Majors II
- ✔ ENVS 1003/1001L Environmental Science
- ✔ GEOG 1023/1021L Insects, Science, and Society
- ✔ GEOL 1113/1111L General Geology
- ✔ GEOL 1133/1131L Environmental Geology
- ✔ PHYS 1023/1021L Physics and Human Affairs
- ✔ PHYS 1034 Physics for Elementary Ed Majors
- ✔ PHYS 1044 Physics for Architects I
- ✔ PHYS 1054 Physics for Architects II
- ✔ PHYS 2013/2011L College Physics I
- ✔ PHYS 2023/2031L College Physics II
- ✔ PHYS 2054 University Physics I
- ✔ PHYS 2074 University Physics II

*Honors students only

**BOLDED COURSES** indicate those that may also be required in the major. Courses listed under University Core Requirements cannot be used more than once within the University Core Requirements section.

**MAJOR REQUIREMENTS**

<table>
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<tr>
<th>Category</th>
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| **MATHMATICS (4 courses • 16 hrs)**           | ✔ MATH 2554 Calculus I
- ✔ MATH 2564 Calculus II
- ✔ MATH 2574 Calculus III
- ✔ MATH 2584 Differential Equations and Laplace Transform |

**CHEMISTRY (2 courses • 8 hrs)**
- ✔ CHEM 1103/1101L University Chemistry I
- ✔ CHEM 1123/1121L University Chemistry II

**GEOLGY (9 courses • 33 hrs)**
- ✔ GEOL 1113/1111L General Geology
- ✔ GEOL 2313 Mineralogy and Petrology
- ✔ GEOL 3383 Principles of Landscape Evolution
- ✔ GEOL 3413 Sedimentary Rocks & Fossils
- ✔ GEOL 3514 Structural Geology
- ✔ GEOL 4223 Stratigraphy and Sedimentation
- ✔ GEOL 4433 Geophysics
- ✔ GEOL 4924 Earth System History
- ✔ GEOL 4666 Geology Field Camp

**PHYSICS (8 courses • 26 hrs)**
- ✔ PHYS 2054 University Physics I
- ✔ PHYS 2074 University Physics II
- ✔ PHYS 2094 University Physics III
- ✔ PHYS 3113 Analytical Mechanics
- ✔ PHYS 3414 Electromagnetic Theory
- ✔ PHYS 3613 Modern Physics
- ✔ PHYS 4073 Intro to Quantum Mechanics
- ✔ PHYS 4991 Physics Senior Seminar

- ✔ The Fulbright College writing requirement for non-honors students will be fulfilled by the papers required in all GEOL courses numbered 3000 or higher.

- ✔ Required General Electives (hours vary; discuss with your advisor)