### UNIVERSITY Core Requirements

**ENGLISH (2 courses • 6 hrs)**
- ENG 1013 Composition I
- ENG 1023 Composition II

**U.S. HISTORY (1 course • 3 hrs)**
- HST 2003 History of the American People to 1877
- HST 2013 History of the American People 1877 to Present
- PLSC 2003 American National Government

**FINE ARTS (1 course • 3 hrs)**
- ARCH 1003 Architecture Lecture
- ARHS 1003 Art Lecture
- COMM 1003 Film Lecture
- DANC 1003 Movement and Dance
- LARC 1003 The American Landscape
- MLIT 1003 Music Lecture
- MLIT 1013 Music Lecture for Music Majors
- THTR 1003 Theatre Appreciation
- THTR 1013 Musical Theatre Appreciation

**SOCIAL SCIENCES (3 courses from at least 2 fields • 9 hrs)**
- AGEC 1103 Principles of Agricultural Microeconomics
- AGEC 2103 Principles of Agricultural Macroeconomics
- ANTH 1023 Intro to Cultural Anthropology
- COMM 1023 Communication in a Diverse World
- ECON 2013 Principles of Macroeconomics
- ECON 2023 Principles of Microeconomics
- ECON 2143 Basic Economics: Theory and Practice
- GEOG 1123 Human Geography
- GEOG 2003 World Regional Geography
- HESC 1403 Life Span Development
- HESC 2413 Family Relations
- HIST 1113 Institutions and Ideas of World Civilizations I
- HIST 1123 Institutions and Ideas of World Civilizations II
- HIST 2003 History of the American People to 1877
- HIST 2013 History of the American People 1877 to Present
- HUMN 1114H Honors Roots of Culture to 500 C.E.*
- HUMN 2114H Honors Birth of Modern Culture, 1600-1900*
- PLSC 2003 American National Government
- PLSC 2013 Intro to Comparative Politics
- PLSC 2203 State and Local Government
- PSYC 2003 General Psychology
- RESM 2853 Leisure and Society
- RSOC 2603 Rural Sociology
- SOCI 2013 General Sociology
- SOCI 2033 Social Problems

**MATHEMATICS (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 2003 Intro to Philosophy
- PHIL 2103 Intro to Ethics
- PHIL 2203 Logic
- PHIL 3103 Ethics and the Professions
- WLT 1113 World Literature I
- WLT 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 2213/2211L 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
- PLSC 1023/1021L Insects, Science, and Society
- GEOL 1133/1131L General Geology
- GEOL 1133/1131L General 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

**CHEMISTRY (2 courses • 8 hrs)**
- CHEM 1103/1101L University Chemistry I
- CHEM 1123/1121L University Chemistry II
- or an approved 8 hours of laboratory-based courses in CSCE 2004 and CSCE 2014.

**PHYSICS (3 courses • 19 hrs)**
- MATH 2554 Calculus I
- MATH 2564 Calculus II
- MATH 2574 Calculus III
- MATH 2584 Differential Equations and Laplace Transform
- MATH 3423 Advanced Applied Mathematics

**COMPUTATIONAL (16 hrs minimum)**
- BIOPHYSICS (16 hrs minimum)
- ASTRONOMY (16 hrs minimum)
- BIOLOGY (16 hrs minimum)
- ELECTRONICS (16 hrs minimum)
- GEOPHYSICS (24 hrs minimum)
- OPTICS (16 hrs minimum)
- PROFESSIONAL (16 hrs minimum)

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- RSOC 2603 Rural Sociology
- SOCI 2013 General Sociology
- SOCI 2033 Social Problems

*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.