NATURAL SCIENCES & MATHEMATICS
(20 hours minimum, including at least one MATH course)
- Honors hours must come from at least two groups
- Minimum honors hours: 16

Physics & Astronomy
- PHYS 2054 or 2054H University Physics I
- PHYS 2074 or 2074H University Physics II

Biology & Anthropology
- ANTH 1013/1011L or 1013H/1011M Biological Anthropology
- BIOL 1543/1541L or 1543/1541M Principles of Biology
- BIOL 1603/1601L or 1603/1601M Principles of Zoology
- BIOL 1613/1611L or 1613/1611M Plant Biology
- BIOL 2013/2011L or 2013/2011M General Microbiology

Chemistry
- CHEM 1103/1101L University Chemistry I
- CHEM 1123/1121L or 1123H/1121M University Chemistry II
- CHEM 1213/1211L Chemistry for Majors I
- CHEM 1223/1221L Chemistry for Majors II
- CHEM 3603/3601L or CHEM 3603H/3602M Organic Chemistry I
- CHEM 3613/3611L or CHEM 3613H/3612M Organic Chemistry II
- CHEM 3703/3702L Organic Chemistry for Majors I
- CHEM 3713/3712L Organic Chemistry for Majors II

Note: Students who complete University Chemistry I followed by Honors University Chemistry II will receive eight hours of honors science credit. Chemistry for Majors I & II and Organic for Majors I & II also count as honors science credit.

Geology
- GEOS 1113/1111L or 1113H/1111M General Geology
- GEOS 1133/1131L Environmental Geology

Mathematics
- MATH 2554C or 2554H Calculus I
- MATH 2564C or 2564H Calculus II
- MATH 2574C or 2574H Calculus III

HUMANITIES & SOCIAL SCIENCES
(5-6 courses • 18 hours)
- Minimum honors hours: 9

Social Sciences (1 course • 3 hours)
- ANTH 1023 or 1023H Intro to Cultural Anthropology
- ECON 2013 or 2013H Principles of Microeconomics
- ECON 2023 or 2023H Principles of Macroeconomics
- MATH 2003 or 2003H General Psychology
- PSYC 1003 or 1003H General Psychology
- PSYC 2003 or 2003H General Psychology
- PSYC 3003 or 3003H General Psychology

World Civilization (select both)
- HIST 1113 or 1113H Inst. and Ideas of World Civ. I
- HIST 1123 or 1123H Inst. and Ideas of World Civ. II

Fine Arts (select 1-2 courses)
- ARCH 1003 or 1003H Architecture Lecture
- ARHS 1003 or 1003H Art Lecture
- COMM 1003 or 1003H Film Lecture
- DANC 1003 or 1003H Movement and Dance
- MLIT 1003 or 1003H Music Lecture
- MLIT 1013 or 1013H Music Lecture for Music Majors
- THTR 1003 or 1003H Theatre Appreciation

World language up to the Intermediate I (2003) level or higher (hours vary)
- __________________ (2003)

Honors Colloquia (3 courses • 9 hours)
- Humanities or HUMN 2124H Honors 20th Century Global Culture
- Social Science
- Natural Science or Mathematics

OPTION 2 (4 courses • 15 hours)

Honors Humanities Project (H2P)
- HUMN 1114H Roots of Culture to 500 C.E.
- HUMN 1124H Equilibrium of Cultures, 500-1600
- HUMN 2114H Birth of Modern Culture, 1600-1900
- One course from the Fine Arts section above
MAJOR REQUIREMENTS for a BACHELOR OF SCIENCE in PHYSICS

MATHEMATICS (5 courses • 19 hours)
- MATH 2554 Calculus I
- MATH 2564 Calculus II
- MATH 2574 Calculus III
- MATH 2584 Differential Equations and Laplace Transform
- MATH 3423 Advanced Applied Mathematics

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

PHYSICS CORE (7 courses • 23 hours)
- PHYS 2054 University Physics I
- PHYS 2074 University Physics II
- PHYS 2094 University Physics III
- PHYS 3414 Electromagnetic Theory
- PHYS 3613 Modern Physics
- PHYS 4073 Intro to Quantum Mechanics
- PHYS 4991 Physics Senior Seminar

PHYSICS WRITING REQUIREMENT
- Satisfied by a senior thesis (PHYS 498V), an honors thesis, or a paper submitted as part of PHYS 4991 or any physics or astronomy course numbered 3000 or higher. Students electing the last route must obtain approval of the instructor during the first three weeks of the semester.

PHYSICS ELECTIVES (hours vary)
Students must complete one concentration below to be discussed with their departmental advisor:
- ASTRONOMY (16 hrs minimum)
- BIOPHYSICS (16 hrs minimum)
- COMPUTATIONAL (16 hrs minimum)
- ELECTRONICS (16 hrs minimum)
- GEOPHYSICS (24 hrs minimum)
- OPTICS (16 hrs minimum)
- PROFESSIONAL (16 hrs minimum)

Note: Majors must propose participation in a research experience project no later than the end of their junior year of study. A written report of the results must be submitted during PHYS 4991 Senior Seminar.

MINIMUM DEGREE CREDIT HOURS REQUIRED TO GRADUATE = 120 (CORE + MAJOR + GENERAL ELECTIVES)