Bachelor of Science in Physics, Bachelor of Science in Mathematical Sciences (125 credits)

Freshman

Fall
- CHM1213 Univ Chem 1 (Placement)
- CHM1223 Univ Chem 2
- CHM1221 U Chem 1 Lab
- CHM1231 U Chem 2 Lab
- MCS1414 Calculus 1 (Placement)
- PSC1161 Physical Science Seminar
- PHY1213 Astronomy
- PHY1221 Astronomy Lab
- COM1103 College Comp (Placement)
- SSC2413 Found Am Exp
- SSC2423 Dev Am Exp
- COM1001 Pathways to Research Careers

Spring
- CHM1223 Univ Chem 2
- PHY2413 Univ Physics 1
- MCS1424 Calculus 2
- PHY1213 Astronomy
- MCS1142 Intro to C
- COM2103 Tech and Prof Communication
- LLT1213 World Masterpieces 1
- LLT1223 World Masterpieces 2

Sophomore

Fall
- PHY2423 Univ Physics 2
- PHY2421 U Phys 1 Lab
- MCS2414 Calculus 2
- MCS2423 Differential Eqns
- MCS3863 Linear Algebra
- PHY2413 Univ Physics 1
- PHY2421 U Phys 1 Lab
- MCS1142 Intro to C
- COM2103 Tech and Prof Communication
- LLT1213 World Masterpieces 1
- LLT1223 World Masterpieces 2

Spring
- PHY2431 Univ Physics Lab
- PHY2423 Univ Physics 2
- MCS2423 Differential Eqns
- MCS3863 Linear Algebra
- PHY3653 Contemporary Physics
- PHY3661 Contemporary Physics Lab
- PHY3673 Contemporary Physics Lab
- PHY3614 Analytical Mechanics*
- EEE2114 Circuits 1
- EEE2111 Circuits 1 Lab

Junior/Senior Curriculum (example)***

Fall
- PHY3653 Contemporary Physics
- PHY3661 Contemporary Physics Lab
- PHY3673 Contemporary Physics Lab
- PHY3614 Analytical Mechanics*
- EEE2114 Circuits 1
- EEE2111 Circuits 1 Lab

Spring
- PHY3673 Contemporary Physics Lab
- PHY3614 Analytical Mechanics*
- EEE2114 Circuits 1
- EEE2111 Circuits 1 Lab

* Offered every two years and must be taken when offered in order to graduate in a timely fashion.
*** An individual plan of work leading of the degree will be established in consultation with the student’s advisor no later than the Fall of the junior year.
# Must be approved by a Natural Sciences advisor and department chair.

Jan. 2020

Leftmost course is prerequisite
One course is co-requisite to the other
(EEExxxx): Equivalent EEE course
(Placement): Requires passing score on placement exam