Bachelor of Science in Physics (125 credits)

**Freshman**
- Fall: CHM1213 Univ Chem 1 (Placement)
  - Spring: CHM1223 Univ Chem 2
- Fall: MCS1414 Calculus 1 (Placement)
- Fall: PSC1161 Physical Science Seminar
- Fall: PHY1213 Astronomy
- Fall: PHY1221 Astronomy Lab
- Fall: COM1103 College Comp (Placement)
  - Spring: SSC2413 Found Am Exp
  - Spring: LLT1213 World Masterpieces 1
- Fall: COM1001 Pathways to Research Careers
  - Spring: SSC2423 Dev Am Exp
  - Spring: LLT1223 World Masterpieces 2

**Sophomore**
- Fall: CHM1221 U Chem 1 Lab
  - Spring: CHM1231 U Chem 2 Lab
- Fall: MCS1424 Calculus 2
- Fall: PHY1213 Astronomy
- Fall: PHY1221 Astronomy Lab
- Fall: MCS1142 Intro to C
- Fall: COM1203 Tech and Prof Communication
  - Spring: SSC2413 Found Am Exp
  - Spring: LLT1213 World Masterpieces 1
- Fall: MCS1142 Intro to C
- Fall: MCS1142 Intro to C
- Spring: COM3000 Writing Proficiency Exam

**Junior/Senior Curriculum (example)***
- Fall: PHY2413 Univ Physics 1
  - Spring: PHY2421 Univ Physics 1 Lab
- Fall: PHY2423 Contemporary Physics**
- Fall: PHY2431 Contemporary Physics Lab
- Fall: PHY2431 Contemporary Physics Lab
- Fall: MCS2414 Calculus 3
  - Spring: MCS2423 Differential Eqsns
  - Spring: MCS3863 Linear Algebra
  - Spring: MCS3403 Probability & Stat
- Fall: PHY3653 Electricity and Magnetism (EEE3414)
  - Spring: PHY3661 Contemporary Physics Lab
- Fall: PHY4743 Optics, Lasers & Microscopy
  - Spring: PHY4781 Optics, Lasers & Microscopy Lab*

** readme **
* Courses marked with an asterisk are offered every two years and must be taken when offered in order to graduate in a timely fashion.
** PHY3653 must be taken in the Fall term of the Junior year in order to provide the proper prerequisite for courses in the Junior spring.
*** An individual plan of work leading to the degree will be established in consultation with the student's advisor no later than the Fall of the junior year.
# Any interdepartment senior project coursework must be approved by a Natural Sciences advisor and department chair.

Legend:
- **Leftmost course is prerequisite**
- **One course is co-requisite to the other**

(EEExxxx): Equivalent EEE course
(Placement): Requires passing score on placement exam

Rev. Jan 2020