**Bachelor of Science in Physics and Computer Science (126 credits)**

**Freshman**
- **Fall (16)**
  - CHM1213: Univ Chem 1 (Placement)
  - PHY2413: Univ Physics 1
  - CHM1221: Univ Chem 1 Lab
  - MCS1414: Calculus 1 (Placement)
  - COM1001: Pathways to Research Careers
- **Spring (16)**
  - CHM1221: Univ Chem 1 Lab
  - PHY2421: Univ Physics 1 Lab
  - MCS1424: Calculus 2
  - MCS1514: Computer Science 1
  - PHY1213: Astronomy
  - PHY1221: Astronomy Lab
  - COM1103: College Comp (Placement)

**Sophomore**
- **Fall (14)**
  - CHM1221: Univ Chem 1 Lab
  - PHY2421: Univ Physics 1 Lab
  - PHY2423: Univ Physics 2
  - MCS2414: Calculus 2
  - MCS2514: Computer Science 2
- **Spring (17)**
  - PHY2431: Univ Physics 2 Lab
  - PHY2432: Univ Physics 2 Lab
  - MCS2423: Calculus 3
  - MCS2523: Discrete Math
  - PHY1213: Astronomy
  - PHY1221: Astronomy Lab

**Junior/Senior Curriculum (example)**
- **Fall (16)**
  - PHY3653: Contemporary Physics**
  - MCS2434: Calculus 3
  - MCS2423: Differential Equations
  - MCS2534: Data Structures
  - MCS3403: Probability & Statistics
  - PHY4781: Optics, Lasers & Microscopy*
- **Spring (15)**
  - PHY3653: Contemporary Physics**
  - MCS2434: Calculus 3
  - MCS2423: Differential Equations
  - MCS2534: Data Structures
  - MCS3403: Probability & Statistics
  - PHY4781: Optics, Lasers & Microscopy*

**Spring (16)**
- **Fall (16)**
  - PHY3653: Contemporary Physics**
  - MCS2434: Calculus 3
  - MCS2423: Differential Equations
  - MCS2534: Data Structures
  - MCS3403: Probability & Statistics
  - PHY4781: Optics, Lasers & Microscopy*

* 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 of 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.

(Placement): Requires passing score on placement exam

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Leftmost course is prerequisite
One course is co-requisite to the other

Revision - Nov 2020