

Physics – Program Sequence

| Fall Semester | | | Spring Semester | |
|---------------|---|-----------|---------------------------------------|-----------|
| Year | Class | Crds. | Class | Crds. |
| 1 | PHEN 110 Intro to Physics and Engineering | 2 | PHEN 121 Classical Physics I | 4 |
| | CPSC 100 Intro to Computing | 3 | MATH 190 Calculus I | 4 |
| | CHEM 111 General Chemistry I | 4 | CHEM 112 General Chemistry II | 4 |
| | ENGL 121 English Composition | 3 | Gen. Ed.: U.S. Experience | 3 |
| | IDIS 100 First Year Seminar | 1 | | |
| | Free Elective | 3 | | |
| | Total credits | 16 | Total credits | 15 |
| 2 | PHEN 122 Classical Physics II | 4 | PHEN 203 Modern Physics | 4 |
| | PHEN 210 Statics & Dynamics | 4 | CPSC 111 Computer Science I | 3 |
| | MATH 200 Calculus II | 4 | MATH 310 Calculus III | 3 |
| | Gen. Ed.: Artistic Understanding/Expression | 3 | COMM 200 Fundamentals of Speech Comm. | 3 |
| | | | Free Elective | 3 |
| | Total credits | 15 | Total credits | 16 |
| 3 | PHEN 310 Optics | 4 | PHEN 320 Thermodynamics | 4 |
| | PHEN 370 Electromagnetics | 3 | PHEN 340 Theoretical Physics I | 3 |
| | MATH 230 Linear Algebra & Vectors | 3 | MATH 320 Differential Equations | 3 |
| | Gen. Ed.: Western Traditions | 3 | Gen. Ed. Moral Inquiry | 3 |
| | Free Elective | 3 | Gen. Ed.: Health | 2 |
| | Total credits | 16 | Total credits | 15 |
| 4 | Approved MATH Elective | 3 | PHEN 430 Theoretical Physics II | 3 |
| | PHEN 491 Intro to Physics Senior Project | 1 | PHEN 496 Physics Senior Project | 3 |
| | Gen. Ed.: Religious Understanding | 3 | Gen. Ed.: Cultural Diversity | 3 |
| | Gen Ed: International Perspectives | 3 | Free Elective | 3 |
| | Free Elective | 3 | Free Elective | 3 |
| | Free Elective | 3 | | |
| | Total credits | 16 | Total credits | 15 |

Note 1: The above schedule includes all the General Education requirements provided that two writing unit courses are included, with at least one at the 300 or 400 level.

Note 2: There is some flexibility to deviate from the above schedule for Gen Ed courses.

Note 3: It is strongly recommended that you follow the above schedule for all major courses and meet frequently with your academic advisor.

Note 4: When choosing electives, be sure to earn at least 10 credit hours from 300 and 400 level courses.

Note 5: Two credits are required for the General Education Health category. You can take 2 courses that are 1 credit each or 1 course that is 2 or 3 credits to satisfy this requirement.