**Department: Physics**

**Degree, Major: B.S. Physics with BIOE minor**

**Note:**

**YEAR 1** (Edit credits as appropriate for specific courses in the table.)

|  |  |  |
| --- | --- | --- |
| **FALL COURSES** | **CREDITS** | **MILESTONES** |
| PHYS 251 | 4 |  |
| Interdisciplinary Science Core | 4 |  |
| MATH 251 | 4 |  |
| WR 121 | 4 |  |
| **TOTAL** | **16** |  |

|  |  |  |
| --- | --- | --- |
| **WINTER COURSES** | **CREDITS** | **MILESTONES** |
| PHYS 252 | 4 |  |
| PHYS 290 | 1 |  |
| Interdisciplinary Science Core | 4 | Or Core Ed if plan to complete CIS 210 in a different term |
| MATH 252 | 4 |  |
| WR 122 | 4 |  |
| **TOTAL** | 17 |  |

|  |  |  |
| --- | --- | --- |
| **SPRING COURSES** | **CREDITS** | **MILESTONES** |
| PHYS 253 | 4 |  |
| PHYS 290 | 1 |  |
| MATH 253 | 4 |  |
| CIS 210 | 4 |  |
| A&L Core Ed | 4 |  |
| **TOTAL** | **17** |  |

**YEAR 2**

|  |  |  |
| --- | --- | --- |
| **FALL COURSES** | **CREDITS** | **MILESTONES** |
| PHYS 351 | 4 |  |
| PHYS 391 | 4 |  |
| MATH 281 | 4 |  |
| A&L Core Ed | 4 | Option: BIOE 251 instead of Core Ed |
| **TOTAL** | **16** |  |

|  |  |  |
| --- | --- | --- |
| **WINTER COURSES** | **CREDITS** | **MILESTONES** |
| PHYS 352 | 4 |  |
| MATH 282 | 4 |  |
| SS Core Ed | 4 | Option: BIOE 252 instead of Core Ed |
| Core-Ed Multicultural | 4 |  |
| **TOTAL** | **16** |  |

|  |  |  |
| --- | --- | --- |
| **SPRING COURSES** | **CREDITS** | **MILESTONES** |
| PHYS 353 | 4 |  |
| MATH 256 | 4 |  |
| A&L Core Ed | 4 | Option: BIOE 253 instead of A&L or SS Core Ed |
| SS Core Ed | 4 |  |
| **TOTAL** | **16** |  |

**YEAR 3**

|  |  |  |
| --- | --- | --- |
| **FALL COURSES** | **CREDITS** | **MILESTONES** |
| PHYS 412 | 4 |  |
| BIOE 251 | 4 | Core Ed if completed BIOE 251 Year 2 |
| SS Core Ed | 4 |  |
| Core Ed Multicultural | 4 |  |
| **TOTAL** | **16** |  |

|  |  |  |
| --- | --- | --- |
| **WINTER COURSES** | **CREDITS** | **MILESTONES** |
| PHYS 411 | 4 |  |
| PHYS 413 | 4 |  |
| BIOE 252 | 4 | Core Ed if completed BIOE 251 Year 2 |
| Elective | 4 | Select from PHYS major, BIOE minor dual credit list |
| **TOTAL** | **16** |  |

|  |  |  |
| --- | --- | --- |
| **SPRING COURSES** | **CREDITS** | **MILESTONES** |
| PHYS 422 | 4 |  |
| BIOE 253 | 4 | Core Ed if Completed BIOE 253 Year 2 |
| Elective | 4 | Select from PHYS major, BIOE minor dual credit list |
| Core Ed A&L | 4 |  |
| **TOTAL** | **16** |  |

**YEAR 4**

|  |  |  |
| --- | --- | --- |
| **FALL COURSES** | **CREDITS** | **MILESTONES** |
| PHYS 414 | 4 |  |
| BIOE minor elective | 4 | Select upper-division BIOE subject code |
| Elective Courses | 4 |  |
| Core Ed SS | 4 |  |
| **TOTAL** | **16** |  |

|  |  |  |
| --- | --- | --- |
| **WINTER COURSES** | **CREDITS** | **MILESTONES** |
| PHYS 415 | 4 |  |
| PHYS 431 | 4 | Upper-division laboratory course |
| Electives | 8 |  |
| **TOTAL** | **16** |  |

|  |  |  |
| --- | --- | --- |
| **SPRING COURSES** | **CREDITS** | **MILESTONES** |
| PHYS 417 | 4 |  |
| PHYS 432 | 4 | Upper-division laboratory course |
| Elective | 8 |  |
| **TOTAL** | **16** |  |