**College of Southern MD & West Virginia University**

**Associate of Science in Mathematics & Sciences (Physics) leading to**

**Bachelor of Science in Physics (WVU-BS)**

**Suggested Plan of Study**

|  |  |  |  |
| --- | --- | --- | --- |
| **College of Southern Maryland** | **Hours** | **WVU Equivalents** | **Hours** |
| Year One, 1st Semester |  |  |  |
| ENG 1010 | 3 | ENGL 101 | 3 |
| FYS 1010 | 3 | ORIN 1TC | 3 |
| MTH 1200 | 4 | MATH 155 | 4 |
| CHE 1200 + 1200L | 4 | CHEM 115 & CHEM 115L | 4 |
| Social / Behavioral Sciences | 3 | Social / Behavioral Sciences | 3 |
| **TOTAL** | 17 | ` | 17 |
| Year One, 2nd Semester |  |  |  |
| CHE 1210 + 1210L | 4 | CHEM 116 & CHEM 116L | 4 |
| PHY 1210 + 1210L | 4 | PHYS 1TC | 4 |
| MTH 1210 | 4 | MATH 156 | 4 |
| Social / Behavioral Sciences | 3 | Social / Behavioral Sciences | 3 |
| **TOTAL** | 15 |  | 15 |
| Year Two, 1st Semester |  |  |  |
| PHY 2200 + 2200L | 4 | PHYS 111 | 4 |
| MTH 2200 | 4 | MATH 251 | 4 |
| ENG 1020 | 3 | ENGL 101 | 3 |
| Art / Humanities Elective | 3 | Art / Humanities Elective | 3 |
| **TOTAL** | 14 |  | 14 |
| Year Two, 2nd Semester |  |  |  |
| PHY 2210 + 2210L | 4 | PHYS 112 | 4 |
| MTH 2210 | 4 | MATH 261 | 4 |
| MTH 2300 | 3 | STAT 211 | 3 |
| Art / Humanities Elective | 3 | Art / Humanities Elective | 3 |
| **TOTAL** | 14 |  | 14 |
|  |  |  |  |
|  |  |  |  |
| **WEST VIRGINIA UNIVERSITY** |
| Year Three, 1st Semester |  | Year Three, 2nd Semester |  |
| PHYS 331 | 3 | PHYS 212 | 3 |
| PHYS 333 | 3 | PHYS 314 | 4 |
| PHYS 341 | 2 | PHYS 332/334 | 3 |
| PHYS ELECTIVE | 3 | PHYS 341 | 2 |
| ELECTIVE | 3 | ELECTIVE | 3 |
| ELECTIVE | 1 |  |  |
| **TOTAL** | 15 | **TOTAL** | 15 |
| Year Four, 1st Semester |  | Year Four, 2nd Semester |  |
| PHYS 451 | 3 | PHYS 461 | 3 |
| MATH ELECTIVE | 3 | PHYS 496 | 3 |
| PHYS ELECTIVE | 3 | PHYS ELECTIVE | 3 |
| ELECTIVE | 3 | ELECTIVE | 3 |
| ELECTIVE | 3 | ELECTIVE | 3 |
| **TOTAL** | 15 | **TOTAL** | 15 |

Students must maintain a 2.2 GPA in all MTH and PHY courses to be admitted to the Physics program when transferring to WVU.

Students are required to complete 3 credit hours from each of the GEF Areas 4 through 7 before successful graduation from West Virginia University. Students are encouraged to study the provided GEF chart to select electives that satisfy these requirements. By using the suggested plan of study above, students are able to fulfill this requirement prior to graduation from College of Southern Maryland. Students not completing this requirement at CSM, will need to utilize ELECTIVE credit at WVU to do so.

The WVU General Education Foundations (GEF) curriculum designates 9 credits (normally 3 three-credit courses) of Focus coursework to satisfy GEF Area 8. Working with their advisors, students select three additional courses from the list of those approved for the GEF (see <http://registrar.wvu.edu/gef>) to maximize connections, incorporate additional competencies, and encourage true breadth of study. Such courses may lead to a minor or even a second major, and are intended to help students capitalize on the range and diversity of courses offered at WVU. Students following this plan of study will fulfill this requirement by successfully completing their Bachelor of Science required courses.

Students completing degrees in WVU’s Eberly College of Arts and Sciences are encouraged to work with their advisors to integrate completion of an academic minor or minors into their programs of study, to the degree allowed within elective hours. WVU offers over 100 minors that complement major fields of study, build on students’ unique interests, expand perspectives, and broaden skills. See <http://catalog.wvu.edu/undergraduate/minors/#minorsofferedtext> for a list of available minors. Students may begin completion of a minor by utilizing elective credit to take courses at CSMD equivalent to minor required courses at WVU. CSM student can begin their minor by taking introductory level courses equivalent to their minor’s required courses in their first two years.

Students transferring to West Virginia University with an Associate of Arts or Associate of Science degree will have satisfied the General Education Foundation requirements at WVU.

Students who have questions about admission into their intended program, GEF requirements, minors, or any other issue relating to academics at West Virginia University should contact the Office of Undergraduate Education at WVU.

The above transfer articulation of credit between West Virginia University and College of Southern Maryland, is approved by the Dean, or the Dean’s designee, and effective the date of the signature.

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 Print Name Signature Date

Joan Gorham Ph.D. Associate Dean for WVU’s Eberly College of Arts & Sciences