

College of Southern Maryland & West Virginia University

Associate of Science in Mathematics & Sciences: Physics A.S. leading to

Bachelor of Arts in Physics B.A.

Suggested Plan of Study



| College of Southern Maryland | Hours | WVU Equivalents | Hours |
|-------------------------------------|-------|----------------------|-------|
| Year One, 1 st Semester | | | |
| ENG 1010 | 3 | ENGL 101 | 3 |
| FYS 1010 | 3 | WVUE 191 | 3 |
| MTH 1200 | 4 | MATH 155 | 4 |
| CHE 1200 & CHE 1200L | 4 | CHEM 115 & CHEM 115L | 4 |
| Social / Behavioral Sciences | 3 | Elective | 3 |
| TOTAL | 17 | | 17 |
| Year One, 2 nd Semester | | | |
| CHE 1210 & CHE 1210L | 4 | CHEM 116 & CHEM 116L | 4 |
| PHY 1310 | 4 | PHYS 1TC | 4 |
| MTH 1210 | 4 | MATH 156 | 4 |
| Social / Behavioral Sciences w/ CGA | 3 | Elective | 3 |
| TOTAL | 15 | | 15 |
| Year Two, 1 st Semester | | | |
| PHY 2300 | 4 | PHYS 111 & PHYS 111L | 4 |
| MTH 2200 | 4 | MATH 251 | 4 |
| ENG 1020 | 3 | ENGL 102 | 3 |
| Art / Humanities | 3 | Elective | 3 |
| TOTAL | 14 | | 14 |
| Year Two, 2 nd Semester | | | |
| PHY 2320 | 4 | PHYS 112 & PHYS 112L | 4 |
| MTH 2210 | 4 | MATH 261 | 4 |
| MTH 2220 | 4 | MATH 343 + MATH 2TC | 4 |
| Art / Humanities w/ CGA | 3 | Elective | 3 |
| TOTAL | 15 | | 15 |

| West Virginia University | | | |
|--------------------------------------|-----------|--------------------------------------|-----------|
| Year Three, 1 st Semester | | Year Three, 2 nd Semester | |
| PHYS 312 | 3 | PHYS 314 | 4 |
| PHYS Elective (1) | 3 | PHYS Elective (2) | 3 |
| Elective or Minor Course (1) | 3 | Elective or Minor Course (3) | 3 |
| Elective or Minor Course (2) | 3 | General Elective | 3 |
| General Elective | 3 | General Elective | 2 |
| TOTAL | 15 | TOTAL | 15 |
| Year Four, 1 st Semester | | Year Four, 2 nd Semester | |
| PHYS Elective (3) | 3 | PHYS 341L or PHYS 376L | 3 |
| Elective or Minor Course (4) | 3 | PHYS 496 | 3 |
| Elective or Minor Course (5) | 3 | General Elective | 3 |
| General Elective | 3 | General Elective | 3 |
| General Elective | 3 | General Elective | 3 |
| TOTAL | 15 | TOTAL | 15 |

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

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.

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.

Valérie Lastinger

Print Name

Valerie Lastinger Ph.D. Associate Dean for WVU's Eberly College of Arts & Sciences



Signature

8/20/24

Date