

College of Southern Maryland & West Virginia University

Associate of Science in Physical Sciences A.S. – Physics leading to
 Bachelor of Science in Physics B.S.
 Suggested Plan of Study



College of Southern Maryland	Hours	WVU Equivalents	Hours
Year One, 1 st Semester			
ENG 1010	3	ENGL 101 (Required)	3
FYS 1010	3	WVUE 191	3
MTH 1200	4	MATH 155 (Required)	4
CHE 1200 & CHE 1200L	4	CHEM 115 & CHEM 115L (Required)	4
TOTAL	14		14
Year One, 2 nd Semester			
ENG 1020	3	ENGL 102 (Required)	3
CHE 1210 & CHE 1210L	4	CHEM 116 & CHEM 116L (Required)	4
PHY 1310	4	PHYS 1TC	4
MTH 1210	4	MATH 156 (Required)	4
TOTAL	15		15
Year Two, 1 st Semester			
MTH 2200	4	MATH 251 (Required)	4
PHY 2300	4	PHYS 111 & PHY 111L (Required)	4
MTH 2210 (Area of Concentration)	4	MATH 261 (Required)	4
MTH 2220 (Area of Concentration)	4	MATH 343 + MATH 2TC (Math Elective)	4
TOTAL	16		16
Year Two, 2 nd Semester			
PSY 1010	3	PSYC 101	3
SOC 1010	3	SOC 101	3
PHY 2320 (Area of Concentration)	4	PHYS 112 & PHY 112L (Required)	4
Art / Humanities Elective	3	Elective	3
Elective	2	Elective	2
TOTAL	15		15

West Virginia University			
Year Three, 1 st Semester		Year Three, 2 nd Semester	
PHYS 312	3	PHYS 314	4
PHYS 331	3	PHYS 333	3
ASTR or PHYS Course ^(300/400-Level)	3	PHYS 332 or Elective ^(AoE)	3
EDG 1: Data and Society	3	EDG 3: Ethics and Civil Responsibility	3
EDG 2: Effective and Civil Communication	3	General Elective	2
TOTAL	15	TOTAL	15
Year Four, 1 st Semester		Year Four, 2 nd Semester	
PHYS 341L ^(EDG 6/ AoE)	2	PHYS 496 ^(Capstone)	3
PHYS 451	3	PHYS 461 ^(AoE)	3
PHYS 334 or Elective ^(AoE)	3	PHYS 342L ^(AoE)	2
ARSC 380 ^(EDG 5)	3	EDG 4: Global and Regional Perspectives	3
General Elective	4	General Elective	4
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.

Area of Emphasis: Students completing a Bachelor of Science in Physics must complete an Area of Emphasis selected from Computational Physics, Medical Physics, Physics Teaching, Professional Preparation, or Space Physics. The Professional Preparation Area of Emphasis is the typical plan of study for a B.S. degree in physics. Hours will vary based on Area of Emphasis.

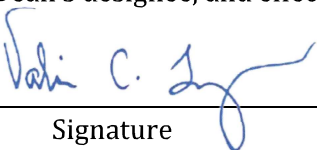
Students transferring to West Virginia University with an Associate of Arts or Associate of Science degree will have satisfied the General Education Foundation requirements at WVU.

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



Signature

02/18/2026

Date

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

Bernice Brezina

Print Name



Bernice Brezina (Mar 23, 2026 14:08:41 EDT)

Signature

03/23/2026

Date

Dr. Bernice Brezina, Interim Vice President, Division of Learning.