

Harrisburg Area Community College & West Virginia University



Associate of Science: Mathematics A.S. leading to
Bachelor of Science in Physics B.S.
Suggested Plan of Study



Harrisburg Area CC	Hours	WVU Equivalent	Hours
Year One, 1 st Semester			
COMM 101	3	MDS 270	3
ENGL 101	3	ENGL 101	3
FS 102 (FYS)	1	WVUE 191	1
MATH 121	4	MATH 155	4
CHEM 101	4	CHEM 115 & CHEM 115L	4
TOTAL	15	TOTAL	15
Year One, 2 nd Semester			
CPS 121	3	CS 110	3
ENGL 102	3	ENGL 102	3
ART 181 or ART 182 or MUS 102 or MUS 104 or FMTH 101 or FMTH 103	3	ARHS 120 or ARHS 160 or MUSC 111 or MUSC 116 or THET 160 or THET 144	3
MATH 122	4	MATH 156	4
CHEM 102	4	CHEM 116 & CHEM 116L	4
TOTAL	17	TOTAL	17
Year Two, 1 st Semester			
MATH 125	3	MATH 303	3
MATH 221	4	MATH 251	4
PHYS 211	4	PHYS 111 & PHYS 111L	4
SOC 201 or PYSC 101	3	SOC 101 or PYSC 101	3
Wellness	1	Elective	1
TOTAL	15	TOTAL	15
Year Two, 2 nd Semester			
MATH 222	4	MATH 261	4
PHYS 212	4	PHYS 112 & PHYS 112L	4
Transfer Elective	3	Elective	3
Transfer Elective	2	Elective	2
TOTAL	13	TOTAL	13

West Virginia University			
Year Three, 1 st Semester		Year Three, 2 nd Semester	
PHYS 331	3	PHYS 333	3
PHYS 312	3	PHYS 314	4
AoE Course (1)	3	PHYS 332 or Elective	3
Elective	3	Elective	3
Elective	2	Elective	3
TOTAL	14	TOTAL	16
Year Four, 1 st Semester		Year Four, 2 nd Semester	
PHYS 341L	2	PHYS 461	3
PHYS 451	3	PHYS 496	3
PHYS 334 or Elective	3	PHYS 342L	2
Elective	4	Elective	4
Elective	3	Elective	3
TOTAL	15	TOTAL	15

Students must have a GPA of 2.2 in all MAT and PHY courses to be admitted directly into the Physics program upon transferring to West Virginia University.

Area of Emphasis: Students completing a Bachelor of Science in Physics must complete an Area of Emphasis selected from Applied Physics, Biophysics, Computational Physics, Materials Science, 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.

Students completing degrees from the WVU Eberly College of Arts and Sciences are required to work with their advisors to integrate completion of an academic minor or minors into their programs of study. 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. HACC students may begin completion of certain minors at Garrett by utilizing *Elective* hours to take courses equivalent to the minor's introductory requirements 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 regarding this articulation agreement or the transferability of coursework may contact the WVU Office of the University Registrar. All other questions should be directed to the WVU Office of Admissions.

The above transfer articulation of credit between West Virginia University and Harrisburg Area Community College, is approved by the Dean, or the Dean's designee, and effective the date of the signature.

Valérie Lastinger _____ 9/5/2023 _____
 Print Name Signature Date
 Valerie Lastinger Ph.D. Associate Dean for WVU's Eberly College of Arts & Sciences