

Allegany College of Maryland & West Virginia University

Associate of Arts in Arts & Sciences (Physics) leading to

Bachelor of Science in Physics (WVU-BS)

Suggested Plan of Study

Allegany College of Maryland	Cr Hrs	WVU Equivalents	Cr Hrs
Year One, 1st Semester			
CHEM 101	4	CHEM 115	4
ARTS & HUMANITIES ELECTIVE	3	GEF 5/6	3
ENG 101	3	ENGL 101	3
MATH 201	4	MATH 155	4
TOTAL	14		14
Year One, 2nd Semester			
CHEM 102	4	CHEM 116	4
ENG 102	3	ENGL 102	3
MATH 202	4	MATH 156	4
ARTS & HUMANITIES ELECTIVE	3	GEF 5/6	3
SOCIAL/BEHAVE ELECTIVE	3	GEF 4/7	3
TOTAL	17		17
Year Two, 1st Semester			
MATH 203	4	MATH 251	4
SOCIAL/BEHAVE ELECTIVE	3	GEF 4/7	3
ELECTIVE	3	ELECTIVE	3
PHYS 201	4	PHYS 111	4
TOTAL	14		14
Year Two, 2nd Semester			
MATH 206	4	MATH 261	4
LABORTORY SCIENCE ELECTIVE	4	ELECTIVE	4
PHYS 202	4	PHYS 112	4
ELECTIVE	3	ELECTIVE	3
TOTAL	15		15

WEST VIRGINIA UNIVERSITY

Year Three, 1st Semester		Year Three, 2 nd Semester	
PHYS 331	3	PHYS 211	3
PHYS 333	3	PHYS 314	4
PHYS 341	2	PHYS 332/334	3
ELECTIVE	3	PHYS 341	2
ELECTIVE	3	ELECTIVE	3
PHYS 199	1		
TOTAL	15	TOTAL	15
Year Four, 1 st Semester		Year Four, 2 nd Semester	
PHYS 451	3	PHYS 461	3
MATH 300+ ELECTIVE	3	PHYS 496	3
PHYS OR ASTRONOMY ELECTIVE	3	PHYS ELECTIVE	3
PHYS ELECTIVE	3	ELECTIVE	3
ELECTIVE	3	ELECTIVE	3
TOTAL	15	TOTAL	15

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

Students pursuing a Bachelor of Science in Physics at WVU under this pathway can complete their required coursework within 4 years (8 semesters). Students should be aware that this plan of study could prove challenging for most students, and it may be advisable to extend the required coursework into a 9th semester. Students are encouraged to work closely with their academic advisors to ensure they are completing coursework at a pace that is academically advantageous to them.

*Students who select to pursue an Area of Emphasis will only be required to take 2 hours of PHYS 341.

The WVU General Education Foundations curriculum (GEF) includes eight areas (F1-F8). F1 (Composition and Rhetoric), F2 (Science & Technology), and F3 (Mathematics & Quantitative Skills) are specified above. These 3 Areas will be fulfilled by General Education requirements at Allegany College of Maryland. Students must also complete 3 credit hours from each of the GEF Areas 4 through 7, and 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 Allegany College of Maryland. Students not completing this requirement at ACM will need to utilize ELECTIVE credit at WVU to do so.

The WVU GEF curriculum also includes 9 credits (normally 3 three-credit courses) of Focus coursework (F8), to help students capitalize on the range and diversity of courses offered at WVU. In order to maximize connections, incorporate additional competencies, and encourage true

breadth of study, students must fulfill the Focus through completion of one of the following academic paths: (a) completion of a minor; (b) completion of a double major or dual degree, or (c) completion of 9 credits of additional coursework from the list of courses approved for GEF Areas F1 through F7. Allegany College of Maryland students will fulfill this requirement with successful completion of CHEM 102, MATH 202, and PHYS 201.

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 their minor at ACM by utilizing elective credit to take courses that are equivalent to the minor's introductory requirements at WVU.

Students who have questions about admission into their intended program, GEF requirements, GEF Focus, 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 Allegany College of Maryland is approved by the Dean, or the Dean's designee, and effective the date of the signature.

Print Name

Signature

Date