

# Westmoreland Community College & West Virginia University

## Associate of Arts in Liberal Arts leading to Bachelor of Science in Physics (WVU-BS) Suggested Plan of Study

Westmoreland Community College	Cr Hrs	WVU Equivalents	Cr Hrs
<b>Year One, 1<sup>st</sup> Semester</b>			
ENG 161	3	ENGL 000	3
MTH 172	4	MATH 155	4
CHM 155	4	CHEM 115	4
SOC SCI ELECTIVE	3	GEF 4 or GEF 5 or GEF 7	3
HUMANITIES ELECTIVE	3	GEF 6	3
TOTAL	17		17
<b>Year One, 2<sup>nd</sup> Semester</b>			
ENG 164	3	ENGL 101	3
MTH 173	4	MATH 156	4
CHM 156	4	CHEM 116	4
SOC SCI ELECTIVE	3	GEF 4 or GEF 5 or GEF 7	3
TOTAL	14		14
<b>Year Two, 1<sup>st</sup> Semester</b>			
PHY 255	5	PHYS 111	5
HUMANITIES ELECTIVE	3	ELECTIVE	3
SOC SCI ELECTIVE	3	GEF 4 or GEF 5 or GEF 7	3
MTH 271	4	MATH 251	4
TOTAL	15		15
<b>Year Two, 2<sup>nd</sup> Semester</b>			
MTH 272	3	MATH 000	3
PHY 256	5	PHYS 112	5
CPT 150	3	CS 101	3
ELECTIVE	3	ELECTIVE	3
HUMANITIES ELECTIVE	3	ELECTIVE	3
TOTAL	17		17

## WEST VIRGINIA UNIVERSITY

Year Three, 1st Semester		Year Three, 2 <sup>nd</sup> Semester	
MATH 261	4	PHYS 211	3
PHYS 331	3	PHYS 314	4
PHYS 333	3	PHYS 332/334	3
ENGL 102	3	MATH ELECTIVE	3
ELECTIVE	2	ELECTIVE	1
TOTAL	15	TOTAL	14
Year Four, 1 <sup>st</sup> Semester		Year Four, 2 <sup>nd</sup> Semester	
PHYS 341	2	PHYS 341	2
PHYS 451	3	PHYS 461	3
PHYS ELECTIVE	3	PHYS 496	3
PHYS ELECTIVE	3	PHYS ELECTIVE	3
ELECTIVE	3	ELECTIVE	3
TOTAL	14	TOTAL	14

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

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 Westmoreland County and ENGL 102 at WVU. 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 WCCC. Students not completing this requirement at WCCC 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. Westmoreland County students following this pathway will fulfill this requirement upon successful completion of MTH 173, CHM 156, and PHY 255.

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

Joan Gorham

Print Name



Signature

11.18.16

Date

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