

# County College of Morris & West Virginia University

Associate of Science in Mathematics leading to

Bachelor of Science in Physics (WVU-BS)

Suggested Plan of Study

County College of Morris	Cr Hrs	WVU Equivalents	Cr Hrs
<b>Year One, 1<sup>st</sup> Semester</b>			
ENG 111	3	ENGL 101	3
HUMANITIES ELECTIVE	3	GEF 5/6	3
MAT 131	4	MATH 155	4
*BIO 121/CHM 125+126	4	BIOL 000/CHEM 115	4
SOCIAL SCI ELECTIVE	3	GEF 4/7	3
TOTAL	17		17
<b>Year One, 2<sup>nd</sup> Semester</b>			
ENG 112	3	ENGL 000	3
MAT 132	4	MATH 156	4
BIO 122/CHM 127+128	4	BIOL 115/CHEM 116	4
PHY 130	4	PHYS 000	4
TOTAL	15		15
<b>Year Two, 1st Semester</b>			
MAT 230	4	MATH 251	4
PHY 133+134	4	PHYS 111	4
CMP 203	3	CS 101	3
GENERAL EDUCATION ELECTIVE	3	GEF 4/5/6/7	3
TOTAL	14		14
<b>Year Two, 2<sup>nd</sup> Semester</b>			
MAT 232	3	MATH 000	3
PHY 232+233	4	PHYS 112	4
SOCIAL SCI/HUMANITIES ELECTIVE	3	GEF 4/5/6/7	3
MATH/TECHNOLOGY ELECTIVE	4	ELECTIVE	4
TOTAL	14		14

<b>WEST VIRGINIA UNIVERSITY</b>			
<b>Year Three, 1st Semester</b>		<b>Year Three, 2<sup>nd</sup> Semester</b>	
MATH 261	4	PHYS 211	3
PHYS ELECTIVE	3	PHYS 314	4
MATH ELECTIVE	3	PHYS ELECTIVE	3
ENGL 102	3	ELECTIVE	3
ELECTIVE	2	ELECTIVE	2
TOTAL	15	TOTAL	15
<b>Year Four, 1<sup>st</sup> Semester</b>		<b>Year Four, 2<sup>nd</sup> Semester</b>	
PHYS 331	3	PHYS 496	3
PHYS 333	3	PHYS 461	3
PHYS 342	3	PHYS ELECTIVE	3
PHYS 341	2	PHYS 341	2
PHYS 451	3	PHYS 332	3
ELECTIVE	1	ELECTIVE	1
TOTAL	15	TOTAL	15

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

\*Students who elect to take BIO 121 & 122 will need to utilize ELECTIVE credit at WVU to take BIOL 117 to complete the WVU Eberly College of Arts and Sciences' Bachelor of Science lab requirement. Students who elect to take the Chemistry option will complete the requirement at CCM.

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 County College of Morris 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 County College of Morris. Students not completing this requirement at CCM 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. County College of Morris students following this pathway will fulfill this

requirement upon successful completion of MAT 132, BIO 122 or CHM 125+126, and PHY 133+134.

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.

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Print Name

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Signature

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Date

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