

# County College of Morris & West Virginia University

## Associate of Science in Mathematics leading to Bachelor of Sciences in Mathematics (WVU-BS) Suggested Plan of Study

County College of Morris	Cr Hrs	WVU Equivalents	Cr Hrs
Year One, 1 <sup>st</sup> Semester			
ENG 111	3	ENGL 101	3
HUMANITIES ELECTIVE	3	GEF 5/6	3
MAT 123	4	MATH 129	4
*LAB SCIENCE	4	GEF 2B	4
SOCIAL SCI ELECTIVE	3	GEF 4/7	3
TOTAL	17		17
Year One, 2 <sup>nd</sup> Semester			
ENG 112	3	ENGL 000	3
MAT 131	4	MATH 155	4
*LAB SCIENCE	4	ELECTIVE	4
GENERAL EDUCATION ELECTIVE	3	GEF 4/5/6/7	3
TOTAL	14		14
Year Two, 1 <sup>st</sup> Semester			
MAT 132	4	MATH 156	4
CMP 203	3	CS 101	3
SOCIAL SCI/HUMANITIES ELECTIVE	3	GEF 4/5/6/7	3
FREE ELECTIVE	3	ELECTIVE	3
TOTAL	14		14
Year Two, 2 <sup>nd</sup> Semester			
MAT 230	4	MATH 251	4
MAT 130	4	STAT 201	4
FREE ELECTIVE	3	ELECTIVE	3
FREE ELECTIVE	3	ELECTIVE	3
FREE ELECTIVE	1	ELECTIVE	1
TOTAL	15		15

## WEST VIRGINIA UNIVERSITY

Year Three, 1st Semester		Year Three, 2 <sup>nd</sup> Semester	
MATH 261	4	MATH 222/420	3
MATH 283	3	MATH 343	3
ENGL 102	3	MATH 495	1
STAT 215/461	3	BS AREA 3-1	4
BS AREA 3-1	4	ELECTIVE	3
		ELECTIVE	1
TOTAL	15	TOTAL	15
Year Four, 1 <sup>st</sup> Semester		Year Four, 2 <sup>nd</sup> Semester	
MATH 495	1	MATH 495	1
MATH 451	3	MATH ELECTIVE	3
MATH ELECTIVE	3	ADVANCED MATH ELECTIVE	3
ELECTIVE	3	ELECTIVE	3
ELECTIVE	3	ELECTIVE	3
ELECTIVE	2	ELECTIVE	2
TOTAL	15	TOTAL	15

Students must have a C- or higher in MAT 131 to be admitted into the Mathematics program upon transferring to West Virginia University.

Students who place into MAT 131 in their first semester may elect to take MAT 232 in their final semester at CCM. Although not equivalent to WVU's MATH 261, the material covered in the course will prepare student to be more successful in their transition to WVU and into MATH 261.

\*Students are encouraged to take corresponding lab science courses (i.e. CHM 125+126 & CHM 127+128) to complete 1 of the WVU Eberly College of Arts & Sciences Bachelor of Science requirements in the most effective manner.

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 130, 131, and 132.

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. County College of Morris students may begin completion of certain minors at CCM by taking courses equivalent to the minor's introductory 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.

Joan Gorham

Print Name



Signature

10.3.14

Date

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