

# Lord Fairfax Community College & West Virginia University

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

Lord Fairfax	Cr Hrs	WVU Equivalent	Cr Hrs
<b>Year One, 1<sup>st</sup> Semester</b>			
ENG 111	3	ENGL 101	3
ITE 115	3	CS 1TC	3
MTH 173	5	MATH 155	5
SDV 100	1	ORIN 1TC	1
SCIENCE W/LAB ELECTIVE	4	GEF 2B	4
TOTAL	16		16
<b>Year One, 2<sup>nd</sup> Semester</b>			
ENG 112	3	ENGL 102	3
HIS ELECTIVE	3	GEF 5	3
MTH 174	5	MATH 156	5
SCIENCE W/LAB ELECTIVE	4	ELECTIVE	4
TOTAL	15		15
<b>Year Two, 1<sup>st</sup> Semester</b>			
ENG LITERATURE ELECTIVE	3	GEF 6/ELECTIVE	3
SOCIAL SCI ELECTIVE	3	GEF 7	3
PED/HTL ELECTIVE	1	PE 1TC	1
MTH 277	4	MATH 251	4
SCIENCE W/LAB ELECTIVE	4	ELECTIVE	4
TOTAL	15		15
<b>Year Two, 2<sup>nd</sup> Semester</b>			
CST 110	3	CSAD 270	3
SCIENCE W/LAB ELECTIVE	4	ELECTIVE	4
SOCIAL SCI ELECTIVE	3	ELECTIVE	3
HUMANITIES ELECTIVE	3	GEF 6/ELECTIVE	3
MTH 285	3	MATH 343	3
TOTAL	16		16

<b><u>WEST VIRGINIA UNIVERSITY</u></b>			
Year Three, 1 <sup>st</sup> Semester		Year Three, 2 <sup>nd</sup> Semester	
FOR LANG 101	3	FOR LANG 102	3
MATH 261	4	MATH 283	3
STAT 215	3	MATH 222	3
ADVANCED MATH ELECTIVE	3	MATH 495	1
ELECTIVE	3	ELECTIVE	3
		ELECTIVE	2
TOTAL	16	TOTAL	15
Year Four, 1 <sup>st</sup> Semester		Year Four, 2 <sup>nd</sup> Semester	
FOR LANG 203	3	FOR LANG 204	3
MATH 495	2	MATH 495	1
ADVANCED MATH ELECTIVE	3	MATH ELECTIVE 2	3
MATH ELECTIVE 1	3	ELECTIVE	3
ELECTIVE	3	ELECTIVE	3
TOTAL	14	TOTAL	13

Students must have a C- or better in MTH 173 (WVU's MATH 155) in order to be admitted directly into the Mathematics 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 Lord Fairfax. 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 Lord Fairfax. Students not completing this requirement at LFCC 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. Students following this plan of study will fulfill 8 of these hours with successful completion of MTH 174 (WVU MATH 156) and STAT 215 at WVU. Lord Fairfax students are encouraged to utilize ELECTIVE credit, and the GEF spreadsheet, to take an additional course that completes this requirement at LFCC. Those who do not complete the F8 requirement at LFCC, will need to utilize ELECTIVE credit at WVU to do so.

## Mathematics BA

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. Lord Fairfax students may begin completion of certain minors at LFCC by utilizing ELECTIVE hours to take courses equivalent to the minor's introductory requirements at WVU.

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