

Lord Fairfax Community College & West Virginia University

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

Lord Fairfax	Cr Hrs	WVU Equivalent	Cr Hrs
Year One, 1st Semester			
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 & BS AREA 1-1	4
TOTAL	16		16
Year One, 2nd Semester			
ENG 112	3	ENGL 102	3
HIS ELECTIVE	3	GEF 5	3
MTH 174	5	MATH 156	5
*SCIENCE W/LAB ELECTIVE	4	BS AREA 1-2	4
TOTAL	15		15
Year Two, 1st Semester			
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	BS AREA 2-1	4
TOTAL	15		15
Year Two, 2nd Semester			
CST 110	3	CSAD 270	3
*SCIENCE W/LAB ELECTIVE	4	BS AREA 2-2	4
SOCIAL SCI ELECTIVE	3	ELECTIVE	3
HUMANITIES ELECTIVE	3	GEF 6/ELECTIVE	3
MTH 285	3	MATH 343	3
TOTAL	16		16

<u>WEST VIRGINIA UNIVERSITY</u>			
Year Three, 1 st Semester		Year Three, 2 nd Semester	
MATH 261	4	MATH 283	3
STAT 215	3	MATH 222	3
ADVANCED MATH ELECTIVE	3	MATH 495	1
ELECTIVE	3	ELECTIVE	3
ELECTIVE	3	ELECTIVE	3
		ELECTIVE	2
TOTAL	16	TOTAL	15
Year Four, 1 st Semester		Year Four, 2 nd Semester	
MATH 451	3	MATH 495	1
MATH 495	2	MATH ELECTIVE 2	3
MATH ELECTIVE 1	3	ELECTIVE	3
ELECTIVE	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.

*Students should choose corresponding Lab Science courses that complete the WVU Eberly College of Arts and Sciences Bachelor of Science requirements (i.e. CHM 111 & 112 and BIO 101 & 102).

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. Lord Fairfax students will fulfill this requirement with successful completion of the Bachelor of Science requirements.

Mathematics BS

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, Bachelor of Science requirements, 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.