

# Lord Fairfax Community College & West Virginia University

Associate of Science in Science leading to  
**Bachelor of Science in Environmental Microbiology (WVU- BS)**  
**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 271	3	MATH 150	3
SDV 100	1	ORIN 1TC	1
BIO 101	4	BIOL 115	4
TOTAL	14		14
<b>Year One, 2<sup>nd</sup> Semester</b>			
ENG 112	3	ENGL 102	3
HIS ELECTIVE	3	GEF 5/7	3
MTH 240	3	STAT 211	3
BIO 102	4	BIOL 117	4
ENG LIT ELECTIVE	3	GEF 6	3
TOTAL	16		16
<b>Year Two, 1<sup>st</sup> Semester</b>			
PHY 201	4	PHYS 101	4
SOCIAL SCI ELECTIVE	3	GEF 4	3
PED/HLT	1	PE 1TC	1
BIO 150	4	EM 216	4
CHM 111	4	CHEM 115	4
TOTAL	16		16
<b>Year Two, 2<sup>nd</sup> Semester</b>			
PHY 202	4	PHYS 102	4
SOCIAL SCI ELECTIVE	3	GEF 5/7	3
CHM 112	4	CHEM 116	4
HUM/FINE ARTS ELECTIVE	3	ELECTIVE	3
TOTAL	14		14

## WEST VIRGINIA UNIVERSITY

Year Three, 1 <sup>st</sup> Semester		Year Three, 2 <sup>nd</sup> Semester	
CHEM 233 + 235	4	CHEM 234 + 236	4
BIOL 219	4	AEM 341	4
GEN 371	3	RESTRICTED ELECTIVE	3
RESTRICTED ELECTIVE	3	ELECTIVE	3
ELECTIVE	1	ELECTIVE	1
TOTAL	15	TOTAL	15
Year Four, 1 <sup>st</sup> Semester		Year Four, 2 <sup>nd</sup> Semester	
AGBI 410	3	AEM 401	4
PPTH 401	4	RESTRICTED ELECTIVE	3
RESTRICTED ELECTIVE	3	RESTRICTED ELECTIVE	3
ELECTIVE	3	ELECTIVE	3
ELECTIVE	2	ELECTIVE	2
TOTAL	15	TOTAL	15

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 MTH 240, BIO 102 and CHM 111.

Students who have questions about GEF requirements or any other issue relating to academics at West Virginia University should contact the Office of Undergraduate Education at WVU.