

Lord Fairfax Community College & West Virginia University

Associate of Science leading to
Bachelor of Science in Chemistry (WVU- BS)

Suggested Plan of Study

Lord Fairfax	Cr Hrs	WVU Equivalent	Cr Hrs
Year One, 1st Semester			
ENG 111	3	ENGL101	3
ITE 115	3	CS 1TC	3
MTH 173	5	MATH 155	5
SDV 100	1	ORIN 1TC	1
CHM 111	4	CHEM 115	4
TOTAL	16	TOTAL	16
Year One, 2nd Semester			
ENG 112	3	ENG 102	3
HIS ELECTIVE	3	GEF 5/7	3
MTH 174	5	MATH 156	5
CHM 112	4	CHEM 116	4
TOTAL	15	TOTAL	15
Year Two, 1st Semester			
ENG LIT ELECTIVE	3	GEF 6	3
SOCIAL SCI ELECTIVE	3	GEF 5/7	3
PED/HLT	1	PE 1TC	1
MTH 275	4	MATH 251	4
CHM 241+245	5	CHEM 233+235	5
TOTAL	16	TOTAL	16
Year Two, 2nd Semester			
CST ELECTIVE	3	GEF 4	3
SOCIAL SCI ELECTIVE	3	ELECTIVE	3
CHM 242+246	5	CHEM 234+236	5
HUM/FINE ARTS ELECTIVE	3	ELECTIVE	3
PHY 241	4	PHYS 111	4
TOTAL	18	TOTAL	18

LORD FAIRFAX OR WEST VIRGINIA UNIVERSITY

Summer Session	* PHY 242 or PHYS 112	4
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<u>WEST VIRGINIA UNIVERSITY</u>			
Year Three, 1st Semester		Year Three, 2nd Semester	
CHEM 215	4	CHEM 347+348	4
CHEM 335	4	CHEM 310	3
CHEM 346	3	AGBI 410	3
ELECTIVE	3	ELECTIVE	3
TOTAL	14	TOTAL	13
Year Four, 1st Semester		Year Four, 2nd Semester	
CHEM 349	2	CHEM 403	1
CHEM 313	1	CHEM 423	2
CHEM 401	1	CHEM ELECTIVE	3
CHEM 422	3	ELECTIVE	3
CHEM ELECTIVE	3	ELECTIVE	3
ELECTIVE	2		
TOTAL	12	TOTAL	12

*In order to complete the Physical Chemistry requirements in a 4 year time frame, students must have completed the PHY 241 & 242/PHYS 111 & 112 progression prior to their first semester at West Virginia University.

Students must have a C- or better in CHM 111 and CHM 112 to be admitted to the Chemistry program upon transferring to WVU.

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.

Chemistry 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, 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.