

# Lord Fairfax Community College & West Virginia University

## Associate of Science leading to Bachelor of Arts in Chemistry (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
CHM 111	4	CHEM 115	4
TOTAL	16	TOTAL	16
<b>Year One, 2<sup>nd</sup> Semester</b>			
ENG 112	3	ENGL 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
<b>Year Two, 1<sup>st</sup> Semester</b>			
ENG LIT ELECTIVE	3	GEF 6	3
SOCIAL SCI ELECTIVE	3	GEF 5/7	3
PED/HLT	1	PE 1TC	1
ELECTIVE	3	ELECTIVE	3
CHEM 241+245	5	CHEM 233+235	5
TOTAL	15	TOTAL	15
<b>Year Two, 2<sup>nd</sup> Semester</b>			
CST 110	3	CSAD 270	3
SOCIAL SCI ELECTIVE	3	ELECTIVE	3
CHM 242+246	5	CHEM 234+236	5
HUM/FINE ARTS ELECTIVE	3	ELECTIVE	3
TOTAL	14	TOTAL	14

### **LORD FAIRFAX OR WEST VIRGINIA UNIVERSITY**

Summer Session	*PHY 201 or PHYS 101	4
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<b><u>WEST VIRGINIA UNIVERSITY</u></b>			
<b>Year Three, 1<sup>st</sup> Semester</b>		<b>Year Three, 2<sup>nd</sup> Semester</b>	
FOR LANG 101	3	FOR LANG 102	3
CHEM 215	4	CHEM 341+342	4
PHYS 102	4	CHEM ELECTIVE	3
ELECTIVE	3	ELECTIVE	3
ELECTIVE	1	ELECTIVE	1
TOTAL	15	TOTAL	14
<b>Year Four, 1<sup>st</sup> Semester</b>		<b>Year Four, 2<sup>nd</sup> Semester</b>	
FOR LANG 203	3	FOR LANG 204	3
CHEM 401	1	CHEM 403	1
CHEM ELECTIVE	4	ELECTIVE	3
ELECTIVE	3	ELECTIVE	3
ELECTIVE	3	ELECTIVE	3
TOTAL	14	TOTAL	13

\*In order to complete programmatic requirements in a 4 year time frame, students must have completed PHY 201 or PHYS 101 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 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. Lord Fairfax students will fulfill 8 hours of this requirement with successful completion of MTH 174, CHM 112, and PHY 201 or PHYS 101.

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

## Chemistry BA

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.