

Virginia's Community Colleges & West Virginia University



Associate of Science in Chemistry A.S. leading to
 Bachelor of Science in Chemistry B.S.
 Suggested Plan of Study



Virginia's Community Colleges	Hours	WVU Equivalent	Hours
Year One, 1 st Semester			
SDV 100 or SDV 101	1-2	WVU 191	1-2
ENG 111	3	ENGL 101 (Required)	3
*MTH 263	4	MATH 155 (Required)	4
BIO 101 (Additional Major Option)	4	BIOL 115 & BIOL 115L (Required; Science Pair 1)	4
CHM 111 (Natural Science)	4	CHEM 115 & CHEM 115L (Required)	4
TOTAL	16-17	TOTAL	16-17
Year One, 2 nd Semester			
ENG 112	3	ENGL 102 (Required)	3
*MTH 264	4	MATH 156 (Required)	4
BIO 102 (Additional Major Option)	4	BIOL 117 & BIOL 117L (Required; Science Pair 1)	4
CHM 112 (General Education)	4	CHEM 116 & CHEM 116L (Required)	4
TOTAL	15	TOTAL	15
Year Two, 1 st Semester			
PHY 241 (Major Requirement)	4	PHYS 111 & PHYS 111L (Required)	4
CHM 241 & CHM 245 (Major Requirement)	5	CHEM 233 & & CHEM 233L + CHEM 2TC (Required)	5
Any UCGS Art, Humanities, or Literature Course	3	Elective	3
*Transfer Elective (Pre-req Math Course if necessary)	3	Elective	3
TOTAL	15	TOTAL	15
Year Two, 2 nd Semester			
CHM 242 & CHM 246 (Major Requirement)	5	CHEM 234 & & CHEM 234L + CHEM 2TC (Required)	5
PHY 242 (Major Requirement)	4	PHYS 112 & PHYS 112L (Required)	4
Social Science Elective	3	Elective	3
Any UCGS Art, Humanities, or Literature course (must be from different category than previous course)	3	Elective	3
HIS 111 or HIS 112 or HIS 121 or HIS 122 (History Course)	3	HIST 179 or HIST 180 or HIST 152 or HIST 153	3
TOTAL	18		18

*Students who need to complete the required prerequisite for MTH 263 should use the "Transfer Elective" slot to complete their math sequence.

West Virginia University

Year Three, 1 st Semester		Year Three, 2 nd Semester	
CHEM 215 & CHEM 215L	4	CHEM 322	3
EDG 1: Data and Society	3	Focus Area Course ⁽¹⁾	3
EDG 2: Effective and Civil Communication	3	Focus Area Course ⁽²⁾	4
EDG 3: Ethics and Civil Responsibility	3	EDG 4: Global and Regional Perspectives	3
TOTAL	13	TOTAL	17
Year Four, 1 st Semester		Year Four, 2 nd Semester	
CHEM 402 ^(Capstone)	3	Upper-Division CHEM Elective ⁽²⁾	3
Focus Area Course ⁽³⁾	4	Upper-Division CHEM Elective ⁽³⁾	3
Upper-Division CHEM Elective ⁽¹⁾	3	EDG 6: High Impact Experience	3
ARSC 380 ^(EDG 5)	3	General Elective	3
General Elective	3	General Elective	2
TOTAL	16	TOTAL	14

Students must complete both CHM 111 & CHM 112 with a grade of C- or better to be admitted to the Chemistry program when transferring to WVU.

CHEM 191 is recommended by the Chemistry department as a helpful addition.

*CHEM 402 is currently offered in both Fall and Spring semesters. Students can work with their faculty advisors to plan their Capstone courses.

Students will be allowed to select an area of focus while at WVU:

- Chemistry & Health
- Chemistry & the Environment
- ACS Certified Chemist

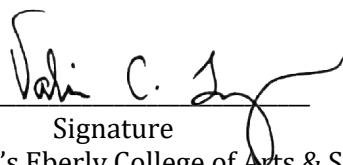
Students who have questions about GEF requirements or any other issue relating to academics at West Virginia University should contact the Office of Undergraduate Education at WVU.

The above transfer articulation of credit between West Virginia University and Virginia's Community Colleges, is approved by the Dean, or the Dean's designee, and effective the date of the signature.

Valérie Lastinger

Print Name

Valerie Lastinger Ph.D. Associate Dean for WVU's Eberly College of Arts & Sciences



Signature

12/3/15

Date