

Frederick Community College & West Virginia University

Chemistry Area of Concentration within STEM A.S. (Transfer) leading to

Bachelor of Science in Chemistry B.S.

Suggested Plan of Study



Frederick Community College	Hours	WVU Equivalents	Hours
Year One, 1 st Semester			
ENGL 101	3	ENGL 101	3
CHEM 101	4	CHEM 115 & CHEM 115L	4
MATH 185	4	MATH 155	4
Humanities Elective	3	Elective	3
Physical Education, Health, or Nutrition Requirement	1-3	Elective	1-3
TOTAL	15-17		15-17
Year One, 2 nd Semester			
CHEM 102	4	CHEM 116 & CHEM 116L	4
BSCI 150	4	BIOL 115 & BIOL 115L	4
Social & Behavioral Elective	3	Elective	3
MATH 195	4	MATH 156	4
TOTAL	15		15
Year Two, 1 st Semester			
PHYS 151	4	PHYS 111 & PHYS 111L	4
ENGL 102 (Comm Elective)	3	ENGL 102 (Required)	3
Social & Behavioral Elective (in a different discipline from first)	3	Elective	3
CHEM 201	4	CHEM 233 & CHEM 233L	4
Art Elective	3	Elective	3
TOTAL	17		13-15
Year Two, 2 nd Semester			
PHYS 252 (elective in consultation with an advisor)	3-4	PHYS 112 & PHYS 112L (Required)	3-4
General Education Elective	3	Elective	3
MATH 285 (Elective in consultation with an Advisor)	4	MATH 251 (Required)	4
CHEM 202	4	CHEM 234 & CHEM 234L	4
TOTAL	15		15

West Virginia University			
Year Three, 1 st Semester		Year Three, 2 nd Semester	
CHEM 215 & CHEM 215L	4	AGBI 410	3
CHEM 335 & CHEM 335L	4	CHEM 322	3
CHEM 346 & CHEM 346L	4	CHEM 348	3
General Elective or Minor Course ⁽¹⁾	3	CHEM 348L	2
General Elective	1	General Elective Minor Course ⁽²⁾	3
TOTAL	16	TOTAL	14
Year Four, 1 st Semester		Year Four, 2 nd Semester	
CHEM 422 (Fall Only)	3	CHEM 401 & CHEM 403 (Capstone)	2
CHEM 422L (Fall Only)	2	CHEM 310 & CHEM 310L (Spring Only)	4
CHEM Elective ⁽¹⁾	3	Chemistry Elective ⁽²⁾	3
General Elective Minor Course ⁽³⁾	3	General Elective or Minor Course ⁽⁵⁾	3
General Elective or Minor Course ⁽⁴⁾	3	General Elective	4
TOTAL	14	TOTAL	16

Students must complete both CHEM 101 & CHEM 102 with a grade of C or better to be admitted to the Chemistry program when transferring to WVU.

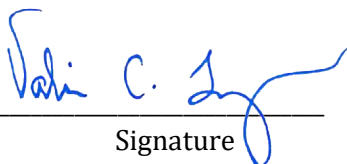
CHEM 191 is recommended by the Chemistry department as a helpful addition.

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. Students may begin completion of a minor by utilizing elective credit to take courses at FCC equivalent to minor required courses at WVU.

Students transferring to West Virginia University with an Associate of Arts or Associate of Science degree will have satisfied the General Education Foundation requirements at WVU.

Students who have questions about admission into their intended program, GEF requirements, minors, 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 Frederick Community College, is approved by the Dean, or the Dean's designee, and effective the date of the signature.

Valérie Lastinger		5/11/2023
Print Name	Signature	Date

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