

Columbus State Community College & West Virginia University

Associate of Science Biology Bachelor's Degree Transfer Major to

Bachelor of Science in Biochemistry (WVU-BS)

Suggested Plan of Study

COLUMBUS STATE
COMMUNITY COLLEGE



Columbus State Community College	Hours	WVU Equivalents	Hours
Year One, 1st Semester			
ENGL 1100 or ENGL 1101	3	ENGL 101	3
CHEM 1171	5	CHEM 115 & CHEM 115L + CHEM 1TC	5
COLS 1100 OR 1101	1	WVUE 191	1
BIOL 1113	4	BIOL 115 & BIOL 116	4
MATH 1151	5	MATH 155 + MATH 1TC	5
TOTAL	18		18
Year One, 2nd Semester			
CHEM 1172	5	CHEM 116 & CHEM 116L + CHEM 1TC	5
BIO 1114	4	BIOL 117 & BIOL 118	4
ENGL 2367	3	ENGL 102	3
MATH 1152	5	MATH 156 + MATH 1TC	5
TOTAL	17		17
Year Two, 1st Semester			
CHEM 2251	5	CHEM 233 + CHEM 2TC	5
CHEM 2254	3	CHEM 235 + CHEM 2TC	3
Literature, Cultures and Ideas, Visual & Perf Arts	3	Literature, Cultures and Ideas, Visual & Perf Arts Elective	3
*Social & Behavioral Science Elective	3	*Social & Behavioral Science Elective	3
*Historical Study Elective	3	*Historical Study Elective	3
TOTAL	17		17
Year Two, 2nd Semester			
CHEM 2252	5	CHEM 234 + CHEM 2TC	5
CHEM 2255	3	CHEM 236 + CHEM 2TC	3
*Social & Behavioral Science Elective	3	*Social & Behavioral Science Elective	3
PHYS 1250	5	PHYS 111 + PHYS 1TC	5
TOTAL	16		16

West Virginia University

American Chemical Society (ACS) Track

Year Three, 1 st Semester		Year Three, 2 nd Semester	
BIOL 219 & BIOL 220	4	BIOL 310	3
PHYS 112	4	CHEM 341 & CHEM 342	4
CHEM 215 & CHEM 215L	4	CHEM 462 & CHEM 464	4
AGBI 410 & AGBI 412	4	AGBI 199	1
		CHEM 497	1
		General Elective	1
TOTAL	16	TOTAL	14
Year Four, 1 st Semester		Year Four, 2 nd Semester	
CHEM 497	1	CHEM 497	1
CHEM 422	3	CHEM 310	3
STAT 211	3	CHEM 401 & CHEM 403	2
Biochemistry Elective (1)	3	Biochemistry Elective (3)	3
Biochemistry Elective (2)	3	Biochemistry Elective (4)	3
TOTAL	13	TOTAL	12

American Society of Biochemistry and Molecular Biology (ASBMB) Track

Year Three, 1 st Semester		Year Three, 2 nd Semester	
PHYS 102 or PHYS 112	4	BIOL 313 or BIOL 410	3
CHEM 215 & CHEM 215L	4	BIOL 310	3
BIOL 219 & BIOL 220	4	CHEM 462 & CHEM 464	4
AGBI 410 & AGBI 412	4	Biochemistry Elective (1)	3
		AGBI 199	1
TOTAL	16	TOTAL	14
Year Four, 1 st Semester		Year Four, 2 nd Semester	
BIOL 423	3	CHEM 341 & CHEM 342	4
Biochemistry Elective (2)	4	Biochemistry Elective (3)	4
AGBI 386	2	Biochemistry Elective (4)	4
STAT 211	3	AGBI 486	2
TOTAL	12	TOTAL	14

*Students must earn a minimum grade of C- in MATH 1151, MATH 1152, BIOL 1113 (WVU: MATH 155, MATH 156, BIOL 115 & BIOL 116 and STAT 211.)


**Students who seek to pursue to the American Chemical Society track are required to take PHYS 111, or its equivalent through Columbus State, prior to the first fall semester at West Virginia University. This allows for students to maintain progression through Physical Chemistry courses, and their subsequent courses in their senior year. Those students seeking the American Society of Biochemistry and Molecular Biology track can forgo this requirement and take their Physics courses as listed in the spring of their 3rd year.

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 regarding this articulation agreement or the transferability of coursework may contact the WVU Office of the University Registrar. All other questions should be directed to the WVU Office of Admissions.

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

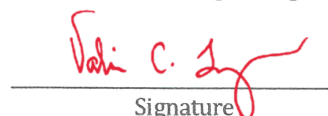
Kimberly M. Barnes
Print Name


Signature

2/7/2022
Date

Kimberly Barnes Ph.D. Associate Dean for WVU's Davis College of Agriculture, Natural Resources and Design

Valérie Lastinger
Print Name


Signature

3/27/2022
Date

Valerie Lastinger Ph. D. Associate Dean of Academic Affairs, WVU Eberly College of Arts & Sciences