

Virginia's Community Colleges & West Virginia University



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



Virginia's Community Colleges	Hours	WVU Equivalent	Hours
Year One, 1st Semester			
SDV 100 or SDV 101	1-2	WVU 191	1-2
ENG 111	3	ENGL 101 (Required)	3
*MTH 261 or MTH 263 (Math Course; Pick One)	3-4	MATH 150 or MATH 155 (Required; Pick One)	3-4
BIO 101 (Natural Science)	4	BIOL 115 & BIOL 115L (Required)	4
CHM 111 (General Education)	4	CHEM 115 & CHEM 115L (Required)	4
TOTAL	15-17	TOTAL	15-17
Year One, 2nd Semester			
ENG 112	3	ENGL 102 (Required)	3
*Transfer Elective (Pre-req Math Course if necessary)	3	Elective	3
BIO 102 (General Education)	4	BIOL 117 & BIOL 117L (Required)	4
CHM 112 (Major Specific)	4	CHEM 116 & CHEM 116L (Required)	4
TOTAL	14	TOTAL	14
Year Two, 1st Semester			
BIO 206 (Major Specific)	4	BIOL 219 & BIOL 219L (Required)	4
CHM 241 & CHM 245 (Major Requirement)	5	CHEM 233 & CHEM 233L + CHEM 2TC	5
MTH 245 (Additional Major Option)	3	STAT 211 (Required; Sub for BIOL 223)	3
Any UCGS Art, Humanities, or Literature Course	3	Elective	3
TOTAL	15	TOTAL	15
Year Two, 2nd Semester			
GOL 105 (Additional Major Option)	4	SUST 101 & SUST 101L (Required)	4
Social Science Elective	3	Social Science 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
Transfer Elective	2-3	Elective	2-3
TOTAL	15-16		15-16

*Students who need to complete the required prerequisite for MTH 261 or MTH 263 should use the "Transfer Elective" slot to complete their math sequence.

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Year Three, 1 st Semester		Year Three, 2 nd Semester	
SUST 201 & SUST 201L or SUST 207 & SUST 207L	4	BIOL 221	3
BIOL 222L	2	BIOL 323L (EDG 1)	2
BIOL 302	3	BIOL 327	1
BIOL 315	3	Area of Emphasis Course ⁽¹⁾	3
EDG 2: Effective and Civil Communication	3	Upper-Division Biology Elective ⁽¹⁾	3
		EDG 3: Ethics and Civil Responsibility	3
TOTAL	15	TOTAL	15
Year Four, 1 st Semester		Year Four, 2 nd Semester	
BIOL 387 (EDG 1)	1	BIOL 320 or BIOL 321 or BIOL 486 (Capstone/EDG 6)	3
Area of Emphasis Course ⁽²⁾	3	BIOL 487	1
Area of Emphasis Course ⁽³⁾	3	Area of Emphasis Course ⁽⁴⁾	3
Upper-Division Biology Elective ⁽²⁾	3	Upper-Division Biology Elective ⁽³⁾	3
EDG 4: Global and Regional Perspectives	3	ARSC 380 (EDG 5)	3
General Elective	3	General Elective	1
TOTAL	16	TOTAL	14

Students must have a C- or better in BIO 101, BIO 102, and CHM 111 to be admitted to the Biology program upon transferring to West Virginia University.

Select one of the areas of emphasis below:

- Cell and Molecular Biology
- Ecology, Ecosystems and Global Change
- Integrative Biology

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.

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



Signature

12/3/25

Date

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