

# Frederick Community College & West Virginia University

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

Bachelor of Science in Animal &amp; Nutritional Sciences B.S.

Suggested Plan of Study



Frederick Community College	Hours	WVU Equivalents	Hours
Year One, 1 <sup>st</sup> Semester			
ENGL 101	3	ENGL 101	3
CHEM 101	4	CHEM 115 & CHEM 115L (Required)	4
MATH 185	4	MATH 155	4
Humanities Elective (Gen Ed)	3	Elective	3
Physical Education, Health, or Nutrition Requirement	1 or 3	Elective	1 or 3
<b>TOTAL</b>	15 or 17		15 or 17
Year One, 2 <sup>nd</sup> Semester			
CHEM 102	4	CHEM 116 & CHEM 116L (Required)	4
BSCI 150	4	BIOL 115 & BIOL 115L (Required)	4
ANTH 101 or PSYC 101 or SOCY 101 (Social & Behavioral Sciences Elective Gen Ed)	3	ANTH 105 or PSYC 101 or SOC 101	3
MATH 195	4	MATH 156	4
<b>TOTAL</b>	15		15
Year Two, 1 <sup>st</sup> Semester			
PHYS 151	4	PHYS 111 & PHYS 111L (Required)	4
ENGL 102 (Communication Elective Gen Ed)	3	ENGL 102 (Required)	3
Social & Behavioral Sciences Elective (Gen Ed) (in a different discipline from first)	3	Elective	3
CHEM 201	4	CHEM 233 & CHEM 233L (Required)	4
Arts Elective (Gen Ed)	3	Elective	3
<b>TOTAL</b>	17		17
Year Two, 2 <sup>nd</sup> Semester			
PHYS 252 (elective in consultation with an advisor)	3-4	PHYS 112 & PHYS 112L (Required)	3-4
General Education Elective	3	Elective	3
Elective in consultation with an Advisor	3-4	Elective	3-4
CHEM 202	4	CHEM 234 & CHEM 234L (Required)	4
<b>TOTAL</b>	13-15		13-15

West Virginia University			
Year Three, 1 <sup>st</sup> Semester		Year Three, 2 <sup>nd</sup> Semester	
Restricted Elective (1)	3	BIOL 117 & BIOL 117L	4
Restricted Elective (2)	3	Restricted Elective (3)	3
Upper-Level Restricted Elective (1)	3	Restricted Elective (4)	3
General Elective	3	Upper-Level Restricted Elective (2)	3
General Elective	2	Upper-Level Restricted Elective (3)	3
<b>TOTAL</b>	<b>14</b>	<b>TOTAL</b>	<b>16</b>
Year Four, 1 <sup>st</sup> Semester		Year Four, 2 <sup>nd</sup> Semester	
Upper-Level Restricted Elective (4)	3	A&VS 402 or A&VS 491 or A&VS 496 (Capstone)	3
General Elective	3	A&VS 402 or A&VS 451 (Writing & Comm Skills Requirement)	3
General Elective	3	General Elective	3
General Elective	3	General Elective	3
General Elective	3	General Elective	3
<b>TOTAL</b>	<b>15</b>	<b>TOTAL</b>	<b>15</b>

Students transferring from another institution are directly admitted to the Animal and Nutritional Science major if they are in good academic standing (2.0 or higher GPA).

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.

Kimberly Barnes		9/23/2024
Print Name	Signature	Date

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