

## Biology BS Major (AA Arts & Sciences) – FA22

Course Number/Name	Course	GEF	Cr.	Semester	Grade
<b>First Year, Fall Semester</b>			<b>16</b>		
ENGL 101 Introduction to Composition and Rhetoric		1	3		
BIOL 115 Principles of Biology		2B	3		
BIOL 115L Principles of Biology Laboratory		2B	1		
CHEM 115 Fundamentals of Chemistry		8	3		
CHEM 115L Fundamentals of Chemistry 1 - Laboratory		8	1		
MATH 155 Calculus 1		3	4		
WVUE 191 First-Year Seminar			1		
<b>First Year, Spring Semester</b>			<b>15</b>		
ENGL 102 Composition, Rhetoric, and Research		1	3		
BIOL 117 Introductory Physiology		8	3		
BIOL 117L Introductory Physiology Laboratory		8	1		
CHEM 116 Fundamentals of Chemistry		8	3		
CHEM 116L Fundamentals of Chemistry 2 - Laboratory		8	1		
STAT 211 Elementary Statistical Inference			3		
HLSC (UGST) 270 Into to Health Careers or Elective			1		
<b>Second Year, Fall Semester</b>			<b>15</b>		
BIOL 219 The Living Cell			3		
BIOL 219L The Living Cell Laboratory			1		
CHEM 233 Organic Chemistry 1			3		
CHEM 233L Organic Chemistry 1 Laboratory			1		
PHYS 101/101L Introductory Physics 1 & Laboratory			4		
GEF Elective *		4,5,6	3		
<b>Second Year, Spring Semester</b>			<b>14</b>		
BIOL 221 Ecology and Evolution			3		
CHEM 234 Organic Chemistry 2			3		
CHEM 234L Organic Chemistry 2 Laboratory			1		
PHYS 102/102L Introductory Physics 2 & Laboratory			4		
GEF Elective*		4,5,6	3		
<b>Total Credits Required</b>			<b>60</b>		

\* The student must complete between 31 and 37 credits, organized into eight foundation areas before earning a baccalaureate degree in Morgantown.