

Pre-Biomedical Laboratory Diagnostics (AA) – FA21

Course Number/Name	Course	GEF	Cr.	Semester	Grade
First Year, Fall Semester			15		
MATH 124 (or higher)		3	3		
BIOL 101 General Biology		8	3		
BIOL 103 General Biology Laboratory			1		
CHEM 115 Fundamentals of Chemistry 1		2B	3		
CHEM 115L Fundamentals of Chemistry 1 - Laboratory		2B	1		
GEF Elective**		5	3		
WVUE 191 First-Year Seminar			1		
First Year, Spring Semester			15		
ENGL 101 Introduction to Composition and Rhetoric		1	3		
BIOL 102 General Biology		8	3		
BIOL 104 General Biology Laboratory			1		
CHEM 116 Fundamentals of Chemistry 2		8	3		
CHEM 116L Fundamentals of Chemistry 2 - Laboratory			1		
GEF Elective**		4	3		
Elective (UGST 270 Intro to Health Careers recommended)			1		
Second Year, Fall Semester			16		
ENGL 102 Composition, Rhetoric and Research		1	3		
CHEM 233 Organic Chemistry*			3		
CHEM 235 Organic Chemistry Laboratory*			1		
STAT 211 Elementary Statistical Inference			3		
GEF Elective**		6	3		
Elective			3		
Second Year, Spring Semester			14		
CHEM 234 Organic Chemistry*			3		
CHEM 236 Organic Chemistry Laboratory*			1		
PSIO 241			4		
Elective (PALM 200 recommended)			3		
GEF Elective**		7	3		

Total Credits Required

60

* Students may consider taking a brief course in organic chemistry off campus that covers both aliphatic and aromatic compounds and includes a laboratory. CHEM 231 offered on the Morgantown campus would satisfy the organic chemistry requirement, however two semesters of organic chemistry are strongly recommended to prepare for the professional curriculum.

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