

Biometric Systems Engineering Major (AA) – FA18

Course Number/Name	Course	GEF	Cr.	Semester	Grade
First Year					
First Semester					
ENGR 101 Engineering Problem Solving 1*			2		
BIOL 115 Principles of Biology		8	4		
MATH 155 Calculus 1		3	4		
CHEM 115 Fundamentals of Chemistry		2B	4		
ENGR 191 First-Year Seminar			1		
Second Semester					
ENGR 102 Engineering Problem Solving 2			3		
MATH 156 Calculus 2		8	4		
PHYS 111 General Physics		8	4		
ENGL 101 Introduction to Composition and Rhetoric		1	3		
Elective**			2		
Second Year					
First Semester					
MATH 251 Multivariable Calculus			4		
PHYS 112 General Physics			4		
CPE 271 introduction to Digital Logic Design			3		
EE 221 Introduction to Electrical Engineering			3		
EE 222 Introduction to Electrical Engineering Laboratory			1		
Second Semester					
MATH 261 Elementary Differential Equations			4		
EE 223 Electrical Circuits			3		
EE 224 Electrical Circuits Laboratory			1		
GEF Elective**		5	3		
ENGL 102 Composition, Rhetoric, and Research		1	3		
Total Credits Required			60**		

* Concurrent enrollment in MATH 155 is required.

** Students who transfer to the Biometric Systems Engineering program at West Virginia University-Morgantown should also take GEF Elective 6 and ECON 201 (GEF 4), and will need CS 110, CS 111, and STAT 215 in order to make progress towards that baccalaureate degree.