



# Garrett College & West Virginia University

Associate of Science in Engineering – Electrical Engineering leading to  
Bachelor of Science in Biometric Systems Engineering (WVU-BSBSE)  
Suggested Plan of Study



Garrett College	Hours	WVU Equivalents	Hours
<b>Year One, 1<sup>st</sup> Semester</b>			
CHE 101 (fall only)	4	CHEM 115 + CHEM 115L	4
ENR 100	3	ENGR 101 + ENGR 1TC	3
ENG 101	3	ENGL 101	3
MAT 190	4	MATH 155	4
<b>TOTAL</b>	14		14
<b>Year One, 2<sup>nd</sup> Semester</b>			
ECN 201	3	ECON 202	3
ENR 210 (spring only)	3	EE 221	3
ENR 211 (spring only)	2	EE 222 + EE 2TC	2
MAT 191 (spring only)	4	MATH 156	4
COM 101	3	CSAD 270	3
<b>TOTAL</b>	15		15
<b>Year Two, 1<sup>st</sup> Semester</b>			
ENR 240 (fall only)	3	CPE 271	3
ENR 241 (fall only)	1	CPE 272	1
CIS 170 (fall only)	4	CS 110	4
MAT 192 (fall only)	4	MATH 251	4
PHY 111 (fall only)	5	PHYS 111 + PHYS 1TC	5
<b>TOTAL</b>	17		17
<b>Year Two, 2<sup>nd</sup> Semester</b>			
ENR 230 (spring only)	3	ENGR 102	3
ENG 102	3	ENGL 102	3
ECN 202	3	ECON 201	3
MAT 281 (spring only)	4	MATH 261	4
PHY 112 (spring only)	5	PHYS 112 + PHYS 1TC	5
<b>TOTAL</b>	18		18

## WEST VIRGINIA UNIVERSITY

Summer Prior at WVU			
EE 223 + EE 224	4		
Year Three, 1 <sup>st</sup> Semester		Year Three, 2 <sup>nd</sup> Semester	
BIOL 115 + BIOL 116	4	BIOM 201	1
CS 111	4	CSEE 380	1
CPE 310 + 311	4	BIOL 235 or BMEG 480 (SP Only)	3
MATH 375	3	CS 350	3
STAT 215	3	AoE Course 1	4
<b>TOTAL</b>	18	<b>TOTAL</b>	12
Year Four, 1 <sup>st</sup> Semester		Year Four, 2 <sup>nd</sup> Semester	
CSEE 480	2	CSEE 481	3
EE 327 (FA Only)	3	CS 465 (SP Only)	3
EE 425 (FA Only)	3	AoE Course 3	3
AoE Course 2	3	EE 465 (SP Only)	3
BIOM 426 (FA Only)	3	Technical Elective (300 level +)	3
<b>TOTAL</b>	14	<b>TOTAL</b>	15

Students must have a cumulative GPA of 2.75 in all college coursework attempted, and a C or better in MAT 190 (WVU MATH 155), CHE 101 (WVU CHEM 115), ENG 101 (WVU ENGL 101), ENR 100 (WVU ENGR 101), and ENR 230 (WVU ENGR 102) to be admitted directly to the Biometric Systems Engineering program at the Statler College of Engineering and Mineral Resources upon transferring to West Virginia University to ensure this pathway.

\*Students will want to consider taking BIOL 115 & 116 (BIO101 at Garrett) prior to the start of their third year and entering WVU. This will allow for more flexibility in scheduling upper level and major courses.

Students will need to take EE 223 and 224 at WVU in the summer after their second year at Garrett College.

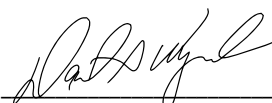
Students transferring to West Virginia University with an Associate of Arts or Associate of Science degree will have satisfied the General Education Foundation requirements at WVU.

Students who have questions regarding this articulation agreement or the transferability of coursework may contact the WVU Office of the University Registrar. All other questions should be directed to the WVU Office of Admissions.

The above transfer articulation of credit between West Virginia University and Garrett College, is approved by the Dean, or the Dean's designee, and effective the date of the signature.

David A. Wyrick

Print Name



Signature

8 Oct 2021

Date

David Wyrick Ph.D. Associate Dean for WVU's Statler College of Engineering & Mineral Resources