

# College of Southern MD and West Virginia University



Associate of Science – Engineering leading to  
**Bachelor of Science in Aerospace Engineering (WVU-B.S.A.E)**  
 Astronautical Area of Emphasis  
 Suggested Plan of Study



College of Southern Maryland	Hours	WVU Equivalents	Hour
<b>Year One, 1<sup>st</sup> Semester</b>			
EGR 1100	3	MAE 102	3
ENG 1010	3	ENGL 101	3
MTH 1200	4	MATH 155	4
CHE 1200 & CHE 1200L	4	CHEM 115 & CHEM 115L	4
Arts Elective	3	Elective	3
<b>TOTAL</b>	17		17
<b>Year One, 2<sup>nd</sup> Semester</b>			
EGR 1210	3	MAE 241	3
MTH 1210	4	MATH 156	4
PHY 1210 & PHY 1210L	4	PHY 1TC	4
ENG 1020	3	ENGL 102	3
CHE 1210 & CHE 1210L	4	CHEM 116 & CHEM 116L	4
<b>TOTAL</b>	18		18
<b>Summer Session – WVU Online</b>		ENGR 101	3
<b>Year Two, 1<sup>st</sup> Semester</b>			
MTH 2200	4	MATH 251	4
ECN 2020	3	ECON 201	3
PHY 2200 & PHY 2200L	4	PHYS 111	4
EGR 2210	3	MAE 242	3
<b>TOTAL</b>	14		14
<b>Year Two, 2<sup>nd</sup> Semester</b>			
PHY 2210 & 2210L	4	PHYS 112	4
MTH 2210	4	MATH 261	4
ECN 2025	3	ECON 202	3
EGR 2200	3	MAE 243	3
EGR 2320	3	MAE 320	3
<b>TOTAL</b>	17		17

WEST VIRGINIA UNIVERSITY			
Year Three, 1 <sup>st</sup> Semester		Year Three, 2 <sup>nd</sup> Semester	
MAE 215	3	MAE 336 (Spring Only)	3
MAE 244	1	MAE 345 (Spring Only)	3
MAE 316	3	MAE 476	3
MAE 335 (Fall Only)	3	MAE Technical Elective (1)	3
MAE 343	3	MAE Technical Elective (2)	3
EE 221 & EE 222	4		
<b>TOTAL</b>	17	<b>TOTAL</b>	15
Year Four, 1 <sup>st</sup> Semester		Year Four, 2 <sup>nd</sup> Semester	
MAE Technical Elective (3)	3	MAE 423	3
MAE 434 (Fall Only)	2	MAE 460	3
MAE 466 (Fall Only)	2	MAE 484 (Spring Only)	3
MAE 486 (Fall Only)	3	MAE 487 (Spring Only)	3
MAE 456	3	MAE Technical Elective (4)	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 1200, MAT 1210, MAT 2200 & MAT 2210 (WVU MATH 155, MATH 156, MATH 251 & MATH 261), CHE 1200 & CHE 1200L (WVU CHEM 115 & CHEM 115L), ENG 101 (WVU ENGL 101), WVU ENGR 101 (online) and EGR 230 (WVU MAE 102), PHY 2200 & 2200L (PHYS 111) and to be admitted directly to the Aerospace Engineering Program at the Statler College of Engineering and Mineral Resources upon transferring to West Virginia University to ensure this pathway.

As part of this pathway, students will be allowed to take WVU MAE 215 and MAE 335 concurrently in their first semester at WVU. This pathway also assumes students will have the Astronautical Area of Emphasis.

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 about admission into their intended program, GEF requirements, 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 College of Southern Maryland, is approved by the Dean, or the Dean's designee, and effective the date of the signature.

David A. Wyrick

Print Name



Signature

22 Dec 2021

Date

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

Bernice Brezina



Bernice Brezina (Jan 4, 2022 13:00 EST)

2021-2022

Dean, School of Professional and Technical Studies

Jan 4, 2022