

# College of Southern Maryland & West Virginia University



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



College of Southern Maryland	Hours	WVU Equivalents	Hour
Year One, 1 <sup>st</sup> Semester			
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
Year One, 2 <sup>nd</sup> Semester			
EGR 1210	3	MAE 241	3
MTH 1210	4	MATH 156	4
PHY 1310	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
Year Two, 1 <sup>st</sup> Semester			
MTH 2200	4	MATH 251	4
ECN 2020	3	ECON 201	3
PHY 2300	4	PHYS 111 & PHYS 111L	4
EGR 2210	3	MAE 242	3
<b>TOTAL</b>	14		14
Year Two, 2 <sup>nd</sup> Semester			
PHY 2320	4	PHYS 112 & PHYS 112L	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>	<b>17</b>	<b>TOTAL</b>	<b>15</b>
Year Four, 1 <sup>st</sup> Semester		Year Four, 2 <sup>nd</sup> Semester	
MAE 456	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 Technical Elective (3)	3	MAE Technical Elective (4)	3
ENGR 101 or Engineering Elective*	3		
<b>TOTAL</b>	<b>16</b>	<b>TOTAL</b>	<b>15</b>

\* Since CMSD students transfer to WVU with MATH 261 completed, they do not need to take ENGR 101, specifically. Another upper-level engineering technical elective from CMSD or WVU can satisfy this credit.

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), EGR 230 (WVU MAE 102), and PHY 2300 (PHYS 111/L) 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.

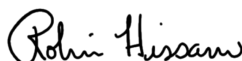
Planned lab decoupling curriculum changes may result in different course numbers for certain classes (MAE 456 becomes MAE 456/456L).

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.

Robin Hissam



06/26/2023

Print Name

Signature

Date

Robin Hissam, Ph.D., Associate Dean of Academic and Student Performance for Benjamin M. Statler College of Engineering and Mineral Resources at West Virginia University