College of Southern Maryland & West Virginia University



Associate of Science in Engineering A.S. leading to Bachelor of Science in Mechanical Engineering B.S.M.E. Materials Science Area of Emphasis Suggested Plan of Study



College of Southern Maryland	Hours	WVU Equivalents	Hours			
Year One, 1st Semester						
EGR 1100	3	MAE 102				
ENG 1010	3	ENGL 101	3			
MTH 1200	4	MATH 155				
CHE 1200 & CHE 1200L	4	CHEM 115 & CHEM 115L	4			
Arts Elective	3	Elective	3			
TOTAL	17		17			
	Year One, 2 nd Semester					
EGR 1210	3	MAE 241	3			
MTH 1210	4	MATH 156	4			
PHY 1310	4	PHYS 1TC	4			
ENG 1020	3	ENGL 102	3			
CHE 1210 & CHE 1210L	4	CHEM 116 & CHEM 116L (AoE)	4			
TOTAL	18		18			
Year Two, 1st Semester						
MTH 2200	4	MATH 251				
ECN 2020	3	ECON 201				
PHY 2300	4	PHYS 111 & PHYS 111L	4			
EGR 2210	3	MAE 242	3			
MTH 2210	4	MATH 261	4			
TOTAL	18		18			
Year Two, 2 nd Semester						
PHY 2320	4	PHYS 112 & PHYS 112L	4			
Social/Behavioral Science w/ CGA	3	Elective	3			
EGR 2200	3	MAE 243	3			
EGR 2320	3	MAE 320	3			
TOTAL	13		13			

Mechanical Engineering B.S.M.E. AoE: Materials Science

West Virginia University					
Year Three, 1st Semester		Year Three, 2 nd Semester			
EE 221 & EE 221L	4	MAE 331	3		
MAE 202 (FA only)	1	MAE 342	3		
MAE 211 & MAE 211L	3	MAE 353 3			
MAE 212L	1	MAE 354 (SP only / AoE)	3		
MAE 216L	1	CHE 366 ^(AoE)	3		
MAE 253	2				
MAE 254L (AoE)	1				
TOTAL	13	TOTAL	15		
Year Four, 1st Semester		Year Four, 2 nd Semester			
IENG 302 & IENG 302L (AoE)	3	MAE 423	3		
MAE 316	3	MAE 472S			
MAE 355 (AoE)	3	Technical Elective (1) 3			
MAE 456 & MAE 456L	3	Technical Elective (2) 3			
MAE 471S	3	Technical Elective (3)	3		
TOTAL	15	TOTAL	15		

Students must have a cumulative GPA of 2.25 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 1210L (WVU CHEM 115 & CHEM 115L), ENG 1010 (WVU ENGL 101), EGR 1100 (WVU MAE 102), and PHY 2300 (PHYS 111/L) to be admitted directly to the Mechanical Engineering Program at the Statler College of Engineering and Mineral Resources upon transferring to West Virginia University to ensure this pathway.

Since CMSD students transfer up to MATH 261, they do not need to take ENGR 101 specifically. Another engineering technical elective from CMSD or WVU can satisfy this credit.

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	Rohn Hissam	08/13/2024
Print Name	Signature	Date
Robin Hissam, Ph.D., Associate Dean	of Academic and Student Performance	for WVU's Statler College of
Engineering & Mineral Resources		