

College of Southern Maryland & West Virginia University



Associate of Science in Engineering A.S. leading to
Bachelor of Science in Industrial Engineering B.S.I.E.
Suggested Plan of Study



College of Southern Maryland	Hours	WVU Equivalents	Hours
Year One, 1st 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
TOTAL	17		17
Year One, 2nd 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 (Required Science Elective)	4
TOTAL	18		18
Summer Session – WVU Online		STAT 215 or INEG 213	3
Year Two, 1st 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 (Additional Technical Electives)	3
TOTAL	14		14
Year Two, 2nd 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 (MAE Elective)	3
EGR 2320	3	MAE 320 (Additional Technical Electives)	3
TOTAL	17		17

West Virginia University			
Year Three, 1 st Semester		Year Three, 2 nd Semester	
EE 221 & EE 222	4	IENG 302	2
IENG 200	1	IENG 303	1
IENG 220	3	IENG 314	3
IENG 301	3	IENG 316	3
IENG 305	3	IENG 331	3
IENG 350	3	IENG Technical Elective (1) ^(400/500-Level)	3
TOTAL	17	TOTAL	15
Year Four, 1 st Semester		Year Four, 2 nd Semester	
IENG 360	3	IENG 446	3
IENG 445	3	IENG 472	3
IENG 455	3	IENG 377	3
IENG 471	3	IENG Technical Elective (2) ^(400/500-Level)	3
IENG 343 ^(Fall Only)	3	Additional Technical Electives	3
ENGR 101 or Engineering Elective*	3		
TOTAL	18	TOTAL	15

* 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 2.25 in all college coursework attempted, and a C or better in MAT 1200 & MAT 1210 (WVU MATH 155 & MATH 156), CHE 1200 & CHE 1200L (WVU CHEM 115 & CHEM 115L), ENG 101 (WVU ENGL 101), EGR 1100 (WVU MAE 102) and PHY 2300 (WVU PHYS 111/L) and to be admitted directly to the Industrial Engineering Program at the Statler College of Engineering and Mineral Resources upon transferring to West Virginia University to ensure this pathway.

CSMD EGR 2210 (WVU MAE 242) will count as an MAE Technical Elective, and CSMD EGR 2320 (MAE 320) and CSMD 2200 (WVU MAE 243) will both count at Technical Electives. STAT 215 will substitute for IENG 213 based on summer availability.

Planned lab decoupling curriculum changes may result in different course numbers for certain classes (IENG 302 and IENG 303 becomes IENG 302/302L).

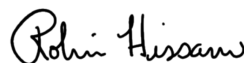
Students transferring to West Virginia University with an Associate of Arts or Associate of Science degree will have satisfied the General Education Foundation requirements at WVU.

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

Print Name



Signature

06/26/2023

Date

Robin Hissam, Ph.D., Associate Dean of Academic and Student Performance for WVU's Statler College of Engineering & Mineral Resources