

# 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.  
 Dynamics & Controls Area of Emphasis  
 Suggested Plan of Study



College of Southern Maryland	Hours	WVU Equivalents	Hours
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	PHYS 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
MTH 2210	4	MATH 261	4
<b>TOTAL</b>	18		18
Year Two, 2 <sup>nd</sup> 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
<b>TOTAL</b>	13		13

