

BSME with Manufacturing Emphasis  
2022 FALL Catalog Requirements

Name: \_\_\_\_\_

ID: \_\_\_\_\_

Fall					Spring				
Freshman:	Hrs	Grade	Term	Prereq/Co-req		Hrs	Grade	Term	Prereq/Co-req
Writ 101	3				Writ 102	3			
Math 261	3			Math ACT 24 Min	Math 262	3			Math 261 (Min C)
Chem 105	3			Math ACT 24 Min, <b>Chem 115</b>	CSCI 256 or 251	3			ACT 22, ALEKS 61, or Math 121+
Chem 115	1			<b>Chem 105</b>	Manf 152	1			Manf 150
Manf 150	1			CME status	Bus 250	3			
ME 201	2				Fine Arts Elective	3			
Humanities Elective	3								
Sophomore:	16					16			
Math 263	3			Math 262 (Min C)	Math 264	3			Math 263 (Min C)
ENGR 313	3			Chem 105	Math 353	3			<b>Math 264</b>
ENGR 314	1			<b>ENGR 313</b>	ENGR 309	3			<b>Phys 211, Math 263</b>
Phys 211	3			<b>Math 262, Phys 221</b>	Phys 212	3			Phys 211, <b>Phys 222</b>
Phys 221	1			<b>Phys 211</b>	Phys 222	1			<b>Phys 212</b>
Manf 251	3			Manf 152, <b>Manf 252</b>	Manf 253	3			<b>Manf 150</b>
Manf 252	1			Manf 152, <b>Manf 251</b>					
Junior:	15					16			
ENGR310 or Math 375	3			Math 262 or Math 261 (Min C)	ECON 310	3			
ENGR 312	3			ENGR 309	ENGR 323	3			Phys 211, <b>ENGR 309, Math 264</b>
ENGR 321	3			Phys 211, Chem 105, Math 262	ENGR 420	3			Math 353
ENGR 330	3			Phys 212, <b>Math 353</b>	M E 324	3			ENGR 312
ENGR 360	3			Phys 211, <b>Math 262, Phys 212</b>	M E 325	3			ENGR 309
Manf 353	3			Manf 150	Manf 351	1			Manf 353, <b>Manf 355</b>
Manf 255	1			Manf 251	Manf 355	1			Manf 255
Senior:	19					17			
M E 401	3			ENGR 321, ENGR 323	ENGR 553	3			ENGR 321, ENGR 323, ENGR420
M E 416	1			ENGR 312, ME 325	M E 419	1			ENGR 321, ENGR 323
M E 426	3			ME 324, <b>ENGR 330</b>	M E 428	3			ME 426
Manf 455	3			Manf 351	M E 438	3			<b>ME 428</b>
M E-Manf Elect	3				M E-Manf Elect	3			
Social Science Elective	3				Humanities or Fine Arts Elective	3			
	16					16			

Must have at least 18 hours of fine arts, humanities, social sciences, and general education courses according to filled and unshaded cells below. 12 hrs of choice. BSME CME students must fulfill 3 hrs of an elective Social Science course plus one required Social Science course (ECON 310) and 9 hrs of Humanities and Fine Arts courses with at least 3 hrs in each. Note: BUS 250 is specifically required in the BSME CME curriculum and is approved by the School of Engineering as part of the 18-hr requirement of SS/H/FA/Gen Ed for SoE engineering graduates.

Social Science (6 hrs):	Humanities / Fine Arts (9 hrs):	General Education (3 hrs):
		BUS 250 (3 hr) - required
ECON 310 (3 hr) - required		

**M E – Manf Electives** – Please see a faculty advisor for approved electives

An anchor means a course is only taught in a designated Fall/Spring semester. However, the class may be taught in Summer session(s).

**TOTAL = 131 HOURS**