

Management and Engineering for Manufacturing Undergraduate Curriculum Map

Semester	1	CHEM 1127Q or 1147Q Chemistry 1	ENGR 1000 (100) Orientation to Eng	MATH 1131Q Calculus I	CSE 1010 Intro. to Eng. Comp.	ENGL 1010/1011 (Composition)	Freshman	
	2	MEM 1151* Introd MEM	ECON 1200 Princip Econ	MATH 1132Q Calculus II	STAT 1000Q or 1100Q Elem. Stats	Gen Ed CA 4		
	3	MEM 2211* Intro Manuf Syst	MEM 2212 Manuf Lab	MATH 2110Q Multiv. Calc	PHYS 1501Q Phys Eng I	CE 2110 Applied Mechanics I	ANTH 1000 or GEOG 1700	Sophomore
	4	PHIL 1104 Philo Soc Ethics	ACCT 2001 Princ Finan Accou	MATH 2410Q Elementary Diff. Eq.	PHYS 1502Q Phys Eng II	HIST 1400 Modern Western	Free Elective	
	5	MEM 3221 Intro Prod Proc	ACCT 2101 Prin Manag Accou	OPIM 3801** Prin Proj Manag	ECE 2000 Elec. Comp. Eng Princ	CE 3110 Mechanics of Materials	MSE 2101 (201) Mat. Sci. & Eng.	Junior
	6	MEM 3231 Comp in Manuf	FNCE 3101 Financial Manag	OPIM 3652/ENGR 3215 Indus/Stat Qua Contr	MGMT 3101 Manag Int Beha	ME 2233 Thermodynamics	MSE 2102 (201) Mat. Sci. & Eng.	
	7	MEM 4971W Senior Design I	MEM 4225 Adv Prod Proc	MKTG 3101 Intro Market Manag	ME 3221 Manuf Autom	ME 3263 Sensors & Data	Engineering Elective	Senior
	8	MEM 4972W Senior Design II	Business Elective	BLAW 3175 Legal Eth Env Bus	MGMT 4900 Strat, Pol & Plan	ME 3227 Design Mach. Elem.		

*offered both semesters

**can be delayed and substituted by OPIM 5270 for students in the 4+1 program for MSBAPM

Color Key	General	Engineering	Business
	Computer Science & Eng.	Electrical & Computer Sci.	Math
	Chemistry	Materials Science & Eng.	Physics
	Mechanical Engineering	Civil & Enviro. Eng.	MEM