

Management and Engineering for Manufacturing

Freshman	Semester One	Semester Two
	CHEM 1127Q: General Chemistry 1 (4 credits)	MEM 1151: Intro to MEM (3 credits)
	ENGR 1000: Orientation to ENGR (1 credit)	ECON 1202: Principles of Macro (3 credits)
	MATH 1131Q: Calculus I (4 credits)	MATH 1132Q: Calculus II (4 credits)
	CSE 1010: Intro to Computing for ENGR (3 credits)	STAT 1100Q/1000Q: Elem. STAT (4 credits)
	ECON 1201: Principles of Micro (3 credits)	ENGL 1007: Writing and Composition (4 credits)
15 credits	18 credits	

Sophomore	Semester One	Semester Two
	MEM 2211: Intro to Manuf. Systems (3 credits)	PHIL 1104: Social Ethics (CA 1) (3 credits)
	MEM 2212: Manuf. Systems Lab (1 credit)	ACCT 2001: Princ. Finan ACCT (3 credits)
	MATH 2110Q: Multivariable Calculus (4 credits)	MATH 2410Q: Elem Diff. Equations (3 credits)
	PHYS 1501Q: Physics for ENGR I (4 credits)	PHYS 1502Q: Physics for ENGR II (4 credits)
	CE 2110: Applied Mechanics I (3 credits)	History Elective (CA 1) (3 credits)
Gen Ed (CA 2/4-int) (3 credits)	Environmental Literacy Gen Ed (3 credits)	
18 credits	19 credits	

Junior	Semester One	Semester Two
	MEM 3221: Intro to Products and Proc (3 credits)	MEM 3231: Comp. in Manufacturing (3 credits)
	ACCT 2101: Princ. of Manag. ACCT (3 credits)	FNCE 3101: Financial Management (3 credits)
	OPIM 3603: Princ. Project MGMT (3 credits)	ENGR 3215: Statistical Quality Control (3 credits)
	ECE 2000: Elec. Comp. ENGR Princ. (3 credits)	MENT 3101: MGMT and Interp. Behav (3 credits)
	CE 3110: Mechanics of Materials (3 credits)	ME 2233: Thermodynamics (3 credits)
MSE 2101: Materials Sci and ENGR (3 credits)	MSE 2102: Materials Sci and ENGR (3 credits)	
18 credits	18 credits	

Senior	Semester One	Semester Two
	MEM 4971W: Senior Design I (2 credits)	MEM 4972W: Senior Design II (2 credits)
	MEM 4225: Adv. Products and Proc. (3 credits)	BUSN Elective (3 credits)
	MKTG 3101: Intro to Marketing MGMT (3 credits)	BLAW 3175: Legal and Ethic Env. BUSN (3 credits)
	ME 3221: Manufacturing Automation (3 credits)	MGMT 4900: Strategy, Policy, and Plan (3 credits)
	ME 3263: Intro to Sensors and Data (3 credits)	ME 3227: Design of Machine Elements (3 credits)
ENGR Elective (3 credits)	Gen Ed (CA 4) (3 credits)	
17 credits	17 credits	

Classes denoted in yellow are fall only

Total Credits: 140

General Education Requirements

Requirement	Course	Semester	Grade
Content Area 1: Arts & Humanities	PHIL 1104: Philosophy and Social Ethics		
	HIST 1201, 1400, 1501, 1502, 1600 or 1800 <i>circle one</i>		
Content Area 2: Social Sciences	ECON 1201 & 1202: Princ of Micro/Macro		
	Select one double dipper course - ANTH 1000/W; GEOG 1700, 2000; HRTS 1007; POLS 1202, 1207; WGSS 2124		
Content Area 4: Diversity & Multicult.	*any CA 4		
Environmental Literacy Course **			
Foreign Language: 3+ years at the High School Level OR			
Elementary One			
Elementary Two			

*A list of applicable Content Area 4 courses may be found here: <https://catalog.uconn.edu/general-education/>

**Environment Literacy Courses that overlap CA 4:
ANTH 1010E, 3340E; GEOG 2350E, 2400E; HIST 2222E; MAST 1300E; NRE 2600E