

Management and Engineering for Manufacturing 2023-2024

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)	Gen Ed (CA 2/4-int) (3 credits)
History Elective (CA 1) (3 credits)	
18 credits	16 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)	BUSN Elective (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)	ENGR Elective (3 credits)
BLAW 3175: Legal and Ethic Env. BUSN (3 credits)	MKTG 3101: Intro to Marketing MGMT (3 credits)
ME 3221: Manufacturing Automation (3 credits)	MENT 4900: Strategy, Policy, and Plan (3 credits)
ME 3263: Intro to Sensors and Data (3 credits)	ME 3227: Design of Machine Elements (3 credits)
Gen Ed (CA 4) (3 credits)	Environmental Literacy Gen Ed (3 credits)
17 credits	17 credits

Classes denoted in yellow are fall only. Classes in denoted in green are spring only.

Total Required Credits: 138

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

*These documents are meant to be used as guides and a suggested sequence of courses you should follow. Please refer to your Standard Advising Report this enables students to view progress towards completing their academic requirements. The Official Curriculum requirements you should follow can be found in the Catalog for the academic year you matriculated into the university.