BACHELOR OF SCIENCE IN ENGINEERING MANAGEMENT

Catalogue 2022-2023

Student:		Date:	
netID:		Advisor:	

Year 1

Semester 1	Cr	Status	Semester 2	Cr	Status
CHEM 1400 - General Chemistry I	4		BME 1600, CEE 1000, EE 1100, or ME 1010 - First Year Design Experience	2	
EC 1400 - Principles of Macroeconomics	3		QD: CS 1210 - Computer Programming I[1]	3	
ENGR 1020 - Graphical Communication	2		EC 1450 - Principles of Microeconomics	3	
CEMS 1500 - CEMS First Year Seminar	1		QD: MATH 1248 - Calculus II	4	
WIL: (ENGL 1001, HCOL 1000)[1]	3		PHYS 1510 - Prob. Solv. Session I [Optional]	[1]	
QD: MATH 1234 - Calculus I	4		PHYS 1500 - Physics for Engineers I	4	
Total credits	*17*		*Total credits*	*16-17*	

Year 2

Semester 1	Cr	Status	Semester 2	Cr	Status
QD: STAT 2430 - Statistics for Engineers	3		BSAD 2130 - Decision Analysis	3	
QD: MATH 2248 - Calculus III	4		BSAD 2620 - Managerial Accounting	3	
PHYS 1550 - Physics for Engineers II	3		QD: MATH 3201 - Adv Engineering Mathematics	3	
PHYS 1560 - Prob. Solv. Session II [Optional]	[1]		ME 1210 - Thermodynamics	3	
BSAD 2610 - Financial Accounting	3		EE 2175 or EE 2145	4-5	
CEE 1100 - Statics	3				
Total credits	*16-17*		*Total credits*	*16-17*	

Year 3

Semester 1	Cr	Status	Semester 2	Cr	Status
BSAD 2300 - Mgmt & Org Behavior	3		BSAD 2700 - Prod. & Operations Analysis	3	
Diversity 1 or 2[1] (D2 & SU is advised)	3		BSAD 2800 - Managerial Finance	3	
Engineering Science[2]	3		General Education Elective[1] (Humanities & SU)	3	
Engineering Science[2]	3		Engineering Science[2]	3	
QD: MATH 2522 or 2544 - (Applied) Linear Algebra	3		Engineering Science[2]	3	
Total credits	*15*		*Total credits*	*15*	

Year 4

Semester 1	Cr	Status	Semester 2	Cr	Status
BSAD Elective[3]	3		BSAD Elective[3]	3	
CEE 2130, ME 4010, BME 4600, or EE 4100 - Capstone Design[4]	3		CEE 4950, ME 4020, BME 4650, or EE 4200 - Capstone Design[4]	3	
Engineering Science[2]	3		Engineering Science[2] (2XX)	3	
Engineering Science[2]	3		Engineering Science[2] (2XX)	3	
QD: STAT 3240 - Statistics for Quality & Prod.	3		Diversity 1[1] (D1)	3	
Total credits	*15*		*Total credits*	*15*	

Minimum Total Credits Required for Degree: 124

Ultilize degree audit or re-numbering widget (bit.ly/UVMWidget) to confirm courses.

1. University Requirements & General Education Electives: University Requirements include Diversity (D1/D2), Sustainability (SU), Quantitative Reasoning (QR) and Foundational Writing & Information Literacy (FWIL). At least 3 credits General Education Electives must be from the Humanities. Refer to the CEMS Program Electives for approved Humanities and Social Science elective courses (https://www.uvm.edu/cems/cems-program-electives).

2. Engineering Science Electives: All BME, CE, EE, ENGR, ME and EMGT courses (except ENGR 1100). Must have a minimum of 9 credits at the 200-level.

3. BSAD Electives: BUS 2744, BUS 2747, BUS 2748, BUS 2500, BUS 2792, and all 200-level BSAD courses. BUS 2990 with approval of advisor and program head.

4. Capstone Design I and II courses must have the same course prefix, choose: CE 2130 & 4950 or EE 4100 & 4200 or ME 4010 & 4020.

This document is an advising tool and should be used in combination with a student's degree audit, as well as the published Catalogue for 2022-2023 found at http://catalogue.uvm.edu/