BACHELOR OF SCIENCE IN ENGINEERING MANAGEMENT

**Catalogue
2021-2022**

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	
ECON 1400 - Macroeconomics	3		QD: CS 1210 - Computer Programming I	3	
ENGR 1200 - Graphical Communication	2		ECON 1450 - 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 [Opt]	[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		BUS 2130 - Decision Analysis	3	
QD: MATH 2248 - Calculus III	4		BUS 2620 - Managerial Accounting	3	
PHYS 1550 - Physics for Engineers II	3		CEE 1100 - Statics	3	
PHYS 1560 - Prob. Solv. Session II [Optional]	[1]		QD: MATH 3201 - Appl. Math. for Engr. & Sci.	3	
BUS 2610 - Financial Accounting	3		ME 1210 - Thermodynamics	3	
EE 2175, or EE 2145	4-5				
Total credits	*17-19*		*Total credits*	*15*	

Year 3

Semester 1	Cr	Status	Semester 2	Cr	Status
BUS 2300 - Mgmt & Org Behavior	3		BUS 2700 - Prod. & Operations Analysis	3	
Diversity 1 or 2[1] (D2 & SU is advised)	3		BUS 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
BUS Elective3	3		BUS Elective3	3	
CEE 2130, ME 4010 or EE 4100 - Capstone Design[4]	3		CEE 4950, ME 4020 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, CEE, EE, EMGT, ENGR & ME courses (except ENGR 1100). Must include a minimum of 6 credits at the 200 level.

3. BUS Electives: BUS 2744, BUS 2747, BUS 2748, 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: CEE 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 2021-2022 found at http://catalogue.uvm.edu/