BACHELOR OF SCIENCE IN ENGINEERING MANAGEMENT - HONORS COLLEGE **Catalogue 2021-2022**

Student: **Date:**

netID: **Advisor:**

Year 1

Semester 1	Cr	Status	Semester 2	Cr	Status
CHEM 031 - General Chemistry I	4		BME 010, CE 003, EE 001, or ME 001 - First Year Design Experience	2	
EC 011 - Macroeconomics	3		QR: CS 021 - Computer Programming I	3	
ENGR 002 - Graphical Communication	2		HCOL 086 (D1/2)[1] - HCOL Seminar - D2/SU advised	3	
CEMS 050 - CEMS First Year Seminar	1		QR: MATH 022 - Calculus II	4	
FWIL (HCOL 085 - Seminar)[1]	3		PHYS 030 - Prob Solv Session I [Optional]	[1]	
QR: MATH 021 - Calculus I	4		PHYS 031 - Physics for Engineers I	4	
Total credits	*17*		*Total credits*	*16-17*	

Year 2

Semester 1	Cr	Status	Semester 2	Cr	Status
HCOL 185 (D1)[1] - HCOL Seminar	3		HCOL 186 (Humanities)[1] - HCOL Seminar	3	
QR: MATH 121 - Calculus III	4		BSAD 061 - Managerial Accounting	3	
PHYS 125 - Physics for Engineers II	3		CE 001 - Statics	3	
PHYS 123 - Prob. Solv. Session II [Optional]	[1]		QR: MATH 271 - Appl. Math for Engr. & Sci.	3	
BSAD 060 - Financial Accounting	3		ME 040 - Thermodynamics	3	
EE 003 + EE 081, EE 075, or EE 100	4-5				
Total credits	*17-19*		*Total credits*	*15*	

Year 3

Semester 1	Cr	Status	Semester 2	Cr	Status
BSAD 120 - Mgmt & Org Behavior	3		BSAD 173 - Prod. & Operations Analysis	3	
EC 012 - Microeconomics	3		BSAD 180 - Managerial Finance	3	
Engineering Science[2]	3		QR: STAT 143 - Statistics for Engineers	3	
BSAD 030 - Decision Analysis	3		Engineering Science[2]	3	
QR: MATH 122 or 124 - (Applied) Linear Algebra	3		Engineering Science[2]	3	
			CEMS 101 - HCOL Research Experience	1	
Total credits	*15*		*Total credits*	*16*	

Year 4

Semester 1	Cr	Status	Semester 2	Cr	Status
BSAD Elective[3]	3		BSAD Elective[3]	3	
CE 134, ME 185 or BME/EE 187 - Capstone Design[4]	3		CE 175, ME 186 or BME/EE 188 - Capstone Design[4]	3	
Engineering Science[2] (CE/ME/EE/BME 193 - Thesis)	3		Engineering Science[2] (CE/ME/EE/BME 194 - Thesis)	3	
Engineering Science[2] (2XX)	3		Engineering Science[2] (2XX)	3	
QR: STAT 224 - Statistics for Quality & Prod.	3		Engineering Science[2]	3	
Total credits	*15*		*Total credits*	*15*	

Minimum Total Credits Required for Degree: 124

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, EMGT, ENGR & ME courses (except ENGR 010). Must include a minimum of 6 credits at the 200 level.
3. BSAD Electives: BSAD 144, BSAD 147, BSAD 148, BSAD 192, and all 200-level BSAD courses. BSAD 195 & BSAD 196 with approval of advisor and program head.
4. Capstone Design I and II courses must have the same course prefix, choose: CE 134 & 175 or EE 187 & 188 or ME 185 & 186 or BME 187 & 188.

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/