BACHELOR OF SCIENCE IN ENGINEERING MANAGEMENT

Catalogue 2018-2019

Student: _____ **Date:** _____

ID #: _____ **Advisor:** _____

Year 1

Semester 1	Cr	Status	Semester 2	Cr	Status
ENGR 002 - Graphical Communication	2		PHYS 031 - Physics for Engineers I	4	
CHEM 031 - General Chemistry I	4		PHYS 030 - Prob Solv Session I [opt]	[1]	
FWIL[6] (ENGS 001/ HCOL 085/ TAP)	3		CS 020 - Programming for Engineers	3	
MATH 021 - Calculus I	4		MATH 022 - Calculus II	4	
EC 011 - Macroeconomics	3		BME/EE/ME 001 or CE 003 - First Year Design[4]	2	
ENGR 050 - First Year Engineering Seminar [opt]	[1]		EC 012 - Microeconomics	3	
Total credits	*16-17*		*Total credits*	*16-17*	

Year 2

Semester 1	Cr	Status	Semester 2	Cr	Status
STAT 143 - Statistics for Engineers	3		BSAD 030 - Decision Analysis	3	
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 [opt]	[1]		MATH 271 - Appl. Math for Engr. & Sci.	3	
BSAD 060 - Financial Accounting	3		ME 040 - Thermodynamics	3	
EE 003 + EE 081 / EE 075 / EE 100	4-5				
Total credits	*17-18*		*Total credits*	*15*	

Year 3

Semester 1	Cr	Status	Semester 2	Cr	Status
Engineering Science[1]	3		Engineering Science[1]	3	
Engineering Science[1]	3		Engineering Science[1]	3	
BSAD 120 - Mgmt & Org Behavior	3		BSAD 173 - Prod. & Operations Analysis	3	
MATH 122 or 124 - Appld Lin Alg or Lin Alg	3		BSAD 180 - Managerial Finance	3	
Diversity 1 or 2[5] (D1 or D2 courses)	3		Diversity 1[5] (D1 courses)	3	
Total credits	*15*		*Total credits*	*15*	

Year 4

Semester 1	Cr	Status	Semester 2	Cr	Status
Engineering Science[1]	3		Engineering Science[1] (2XX)	3	
Engineering Science[1]	3		Engineering Science[1] (2XX)	3	
BSAD Elective[2]	3		BSAD Elective[2]	3	
STAT 224 - Statistics for Quality & Prod.	3		Gen Ed (SU)	3	
CE/ME 185 or BME/EE 187 - Capstone Design[3]	3		CE/ME 186 or BME/EE 188 - Capstone Design[3]	3	
Total credits	*15*		*Total credits*	*15*	

Minimum Total Credits Required for Degree: 124

1. Engineering Science Electives: All BME, CE, EE, ENGR & ME courses (except ENGR 010). Must include a minimum of 6 credits at the 200 level.

2. BSAD Electives: BSAD 144, 147, 192 and all 200-level BSAD courses. BSAD 195/196 with advisor and program head approval.

3. Capstone Design I and II courses must have the same course prefix.

4. First Year Design: This degree requirement is designed for first-year students. Internal and external transfer students may substitute 100-level or higher engineering (BME, CE, EE, ENGR, ME) credits for this requirement.

5. Diversity courses are a University requirement. Students must take one three-credit D1 course and a second three-credit D1 or D2 course.

6. Foundational Writing and Information Literacy (FWIL) is a University requirement. Students must take either ENGS 001 or HCOL 085 (only for students enrolled in the Honors College). Students transferring from the College of Arts and Sciences can use a TAP class to fulfill this requirement.

N.B. The University's Quantitative Reasoning (QR) requirement is built into the Engineering Management curriculum

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