BACHELOR OF SCIENCE IN ENGINEERING

Catalogue 2023 - 2024

Student: netID:

Date: Advisor:

netid:	_		Advisor:		
Year 1					
Semester 1	Q	Status	Semester 2	Q	Status
MA: MATH 1234 - Calculus I*	4		BME 1600, CEE 1000, EE 1100, ME 1010 - First Year Design Experience	2	
CHEM 1400 - General Chemistry 1	4		MA: MATH 1248 - Calculus II* MATH 1234	4	
ENGR 1020 - Graphical Communication	2		N2, QD: PHYS 1500 - Physics for Engineers I MATH 1234	4	
CEMS 1500 - CEMS First Year Seminar	1		PHYS 1510 - Physics Problem Solving I [Optional]	[1]	
Catamount Core (WIL1): ENGL 1001 - Written Expression	3		QD: CS 1210 - Computer Programming I	3	
Catamount Core (AH Arts & Humanities)	3		Free Elective	3	
Total credits	17		Total credits	16	
Year 2			• •		
Semester 1	Q	Status	Semester 2	G	Status
CEE 1100 - Statics* MATH 1248; PHYS1500	3		MATH 3201 - Adv Engineering Mathematics MATH 2248; Coreg: MATH 2522 or MATH 2544	3	
MA: MATH 2248 - Calculus III MATH 1248	4		MA: MATH 2544 - Linear Algebra MATH 1248; Pre/Coreq: MATH 2248	3	
N1, QD: PHYS 1550 - Physics for Engineers II PHYS 1500; MATH 1248; Coreg: MATH 2248	3		ME 1210 - Thermodynamics* MATH 1248; PHYS 1500; CHEM 1400	3	
PHYS 1560 - Physics Problem Solving II [Optional]	[1]		DD: STAT 2430 - Statistics for Engineering MATH 1234 OR STAT 2510 - Applied Probability MATH 1248	3	
EE 2125: Circuits I <u>OR</u> EE 2175: Electrical Circuits & Sensors <u>OR</u> EE 2145: Electrical Engr Concepts MATH 1248	4		Catamount Core (AH Arts & Humanities)	3	
Catamount Core (S1 Social Science)	3				
Total credits	17-18		Total credits	15	

Year 3								
Semester 1	û	Status	Semester 2	G	Status			
Engineering Science Elective	3		Engineering Science Elective	3				
Engineering Science Elective	3		Engineering Science Elective	3				
Engineering Science Elective	3		Engineering Science Elective	3				
Technical Elective	3		Technical Elective	3				
Catamount Core (OC Oral Communication OR WIL2 Writing & Information Literacy 2)	3		Catamount Core (SU Sustainability AND D2 Diversity 2)	3				
Catamount Core (D1 Diversity 1)	3							
Total credits	18		Total credits	15				
Year 4								
Semester 1	G	Status	Semester 2	G	Status			

Semester 1	G	Status	Semester 2	û	Status
BME 4600, CEE 2130, EE 4100, ME 4010 - Capstone Design	3		BME 4650, CEE 4950, EE 4200, ME 4020 - Capstone Design II	3	
Engineering Science Elective	3		Engineering Science Elective (3000 Level)	3	
Engineering Science Elective (3000 Level)	3		Engineering Science Elective (3000 Level)	3	
Technical Elective	3		Technical Elective	3	
Catamount Core (S1 Social Science)	3		Free Elective <u>OR</u> Catamount Core (GC Global Citizenship)	3	
Total credits	15		Total credits	15	

as the published Catalogue for 2023-2024 found at http://catalogue.uvm.edu/

are listed below the course name in italics. Prerequisites listed are only for courses, as relevant to your specific degree program, and may have other registration restrictions. Please refer to the catalogue.