

MA: MATH 1234 - Calculus I*	4	MA: MATH 1248 - Calculus II*	4
N2, QD: PHYS 1600 - Fundamentals of Physics I ___ N2, QD: PHYS 1500 - Physics for Engineers I	4	N2, QD: PHYS 1650 - Fundamentals of Physics II	4
PHYS 1510 - Physics Problem Solving I [Optional]	[1]	N2, QD: CHEM 1450 - General Chemistry 2	4
N2, QD: CHEM 1400 - General Chemistry 1	4	Catamount Core (D1 Diversity 1)	3
Catamount Core (WIL1): ENGL 1001 - Written Expression	3		
CEMS 1500 - CEMS First Year Seminar [Optional]	[1]		

MA: MATH 2248 - Calculus III	4	MA: MATH 2522 - Applied Linear Algebra ___ MA: MATH 2544 - Linear Algebra	3
N2, QD: PHYS 2500 - Waves and Quanta	4	PHYS 2200 - Classical Mechanics	3
Catamount Core (S1 Social Science)	3	QD: CS 1210 - Computer Programming I ___ PHYS 3150 - Computational Physics I	3
Free Elective	3	Catamount Core (AH Arts & Humanities) Catamount Core (D1/D2 Diversity 1 or Diversity 2)	3 3

PHYS 3300 - Electricity & Magnetism	3	Concentration Course	3
MATH 3230 - Ordinary Diffrentl Equation	3	Concentration Course	3
Concentration Course	3	Concentration Course	3
Catamount Core (S1 Social Science)	3	Catamount Core (AH Arts & Humanities)	3
Free Elective	3	Free Elective	3

PHYS 3500 - Quantum Mechanics I	3	PHYS 4500 - Applictns of Quantum Mechanics	3
Concentration Course	3	Concentration Course	3
Catamount Core (GC Global Citizenship)	3	Concentration Course	3
Catamount Core (OC Oral Communication WIL2 Writing & Information Literacy 2)	3	Catamount Core (SU Sustainability)	3
Free Elective	3	Free Elective	3

Minimum Total Credits Required for Degree: 120

