

## Accelerated Curriculum A: Entering with Calc I and Chemistry I complete

	Fall	Spring		
<b>Freshman</b>	MATH 10560, Calculus 2 PHYS 10310, General Physics 1 EG 10111, Intro to Eng Arts & Letters Course 1 Writing & Rhetoric or Univ. Sem. Moreau First Year Experience	4 4 3 3 3 <u>1</u> 18	MATH 20550, Calculus 3 CHEM 10122 Gen Chem EG 10112, Intro to Eng CBE 20255, Intro to Chem Eng Writing & Rhetoric or Univ. Sem. Moreau First Year Experience	3.5 3 3 3 3 <u>1</u> 16.5
<b>Sophomore</b>	MATH 20580, Linear ODEs CHEM 10172/11172, Organic 1 & Lab CBE 20260, Thermodynamics 1 PHYS 10320, Gen Physics 2 Arts & Letters Course 4	3.5 4 3 4 <u>3</u> 17.5	MATH 30650, Differential Eq CHEM 20273, Organic 2 CBE 30367, Thermo 2 CBE 20258, Numerical & Statistical Analy: Arts & Letters Course 5 *CBE 20290, Career Choices Eng	3 3 3 3 3 <u>*1</u> *16.5 16
<b>Junior</b>	CBE 30361, Materials CHEM 30333/31333 Achem & Lab CBE 30355 Transport 1 or CBE 30357 Biotransport <b>Study Abroad, 2nd major, minor</b> <b>Study Abroad, 2nd major, minor</b>	3 4 3 3 <b>3</b> <b>3</b> <u>3</u> 16	CHEM 30324, Pchem CBE 30338, Chem Proc Control CBE 30356, Transport 2 CBE 31358, Chem Eng Lab 1 Arts & Letters Course 6	3 3 3 3 <u>3</u> 15
<b>Senior</b>	CBE 40443, Separations CBE 40445, Reaction Engineering CBE 41459, Chem Eng Lab 2 or CBE 41910 Biomolecular Eng Lab + CBE 40910 CBE Elective Arts & Letters Course 7	3 3 3 3 3 <u>3</u> 15	CBE 40448, Process Design CBE Elective Tech Elective Tech Elective Arts & Letters Course 8	3 3 3 3 <u>3</u> 15

**Total 130 credits: 122 plus 8 from Calc I and Calc II**

NOTE: Advantage of smaller class sizes and greater flexibility for study abroad, research or pursuing a minor \*Strongly recommended

Must be ahead in:

Complete Calc II & Phys I prior to Spring of Freshman year

### What is a Tech Elective?

A course in the College of Science or College of Engineering.  
3 credit lecture course.  
3XXXX, 4XXXX or higher.  
Must be intended for Science and Engineering majors, not A&L.  
Can only take CBE 48902 Advanced UG research to fulfill one TE.  
Other courses will be considered upon request.