

Off Sequence Curriculum A: Entering with Calc I and Chemistry I complete

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

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

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

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.