

## Off Sequence Curriculum B: Entering with Calc I Calc II complete

	Fall		Spring	
<b>Freshman</b>	PHYS 10310, General Physics 1	4	CBE 20255, Intro to Chem Eng	3
	CHEM 10171/11171	4	CHEM 10122 Gen Chem	3
	EG 10111, Intro to Eng	3	EG 10112, Intro to Eng	3
	Arts & Letters Course 1	3	MATH 20550, Calculus 3	3.5
	Writing & Rhetoric or Univ. Sem.	3	Writing & Rhetoric or Univ. Sem.	3
	Moreau First Year Experience	1	Moreau First Year Experience	1
	<u>18</u>		<u>16.5</u>	
<b>Sophomore</b>	MATH 20580, Linear ODEs	3.5	MATH 30650, Differential Eq	3
	CHEM 10172/11172 OChem & 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
		<u>14.5</u>	Arts & Letters Course 4	3
			*CBE 20290, Career Choices Eng	*1
		*16	<u>15</u>	
<b>Junior</b>	CHEM 30333/31333 Achem & Lab	4	CHEM 30324, Pchem	3
	CBE 30355 Transport 1		CBE 30338, Chem Proc Control	3
	or CBE 30357 Biotransport	3	CBE 30356, Transport 2	3
	CBE 30361, Materials	3	CBE 31358, Chem Eng Lab 1	3
	Arts & Letters Course 5	3	Arts & Letters Course 6	3
	<u>13</u>		<u>15</u>	
<b>Senior</b>	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		<u>15</u>
Arts & Letters Course 7	3			
	<u>15</u>			
<b>Total 130:</b>	122 plus credit: 4 cr. Calc, 4 cr. Calc II			

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

Complete Calc II and Phys prior to Spring of Freshman year

<p><b>What is a Tech Elective?</b></p> <p>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&amp;L.          Can only take CBE 48902 Advanced UG research to fulfill one TE.          Other courses will be considered upon request.</p>
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