

Students with Math ACT sub-score of 28 or above, and with at least 8 weeks of trigonometry in high school may register for Mathematics 270, Calculus I, upon entry. Students with ACT sub-scores of 26-27 may take the advanced placement test given by the Math Department or Math 143, Precalculus Algebra and Trigonometry. Those who do not meet these qualifications and have an ACT sub-score in Math of at least 23 must take Math 109, Precalculus Algebra, and those with 24-25 may take Math 109 and Math110, Trigonometry: Fundamentals, simultaneously. Students requiring precalculus courses are advised to complete these courses in the summer semester prior to the freshman year.

First Semester		Credit	Second Semester		Credit		
Freshman Year							
UNIV	100	First Yr Seminar: Cajun Connection.....	2	UNIV	200	Information Literacy	2
CHEM	107	General Chemistry I*	3	CHEM	108	General Chemistry II*	3
ENGL	101	Rhet and Comp*	3	CHEM	115	Gen Lab.....	2
MATH	270	Calculus I*	4	ENGL	102	Comp and Lit*	3
		Elective (BIOL) ^{1,2}	3	MATH	301	Calculus II*	4
		Elective (HIST) ¹	3	PHYS	201	General Physics I	4
			18				18
Sophomore Year							
CHEE	201	Chem Engr Calc*	4	CHEM	222	Analytical Chemistry Lab	2
CHEM	221	Analytical Chemistry ²	3	CHEM	231	Organic Chemistry I	3
ENGR	218	Statics & Mechanics	3	CHEE	210	Engr Analysis.....	2
MATH	302	Calculus III	4	ENGR	301	Thermodynamics*	3
		Elective (LIT) ¹	3	MATH	350	Diff Equations.....	3
				PHYS	208	Intro. to Physics.....	3
				PHYS	215	Physics Lab I.....	1
			17				17
Junior Year							
CHEE	317	Materials of Engr	3	CHEE	302	Transfer Operations.....	3
ECON	430	Economics of Industrial Projects	3	CHEE	310	Chem Engr Thermo.....	3
ENGR	201	Electrical Circuits ²	3	CHEE	405	Process Heat Transfer	3
ENGR	305	Transport Phenomena	3	CHEE	427	Advanced Materials	3
CHEM	232	Organic Chemistry II	3	CHEM	234	Organic Chem Lab II	2
CHEM	233	Organic Chem Lab I	1	CHEM	302	Physical Chemistry II	3
PHYS	216	Physics Lab II	1				
			17				17
Senior Year							
CHEE	400	Process Simulation.....	3	CHEE	404	Chem Engr Lab II	1
CHEE	401	Stage Operations Design.....	3	CHEE	408	Comp-Aided Proc Design	3
CHEE	403	Chem Engr Lab I	2	CHEE	413	Proc Control in CHEE.....	3
CHEE	407	Chem Engr Plant Design.....	3	CHEM	270	Chemical Literature.....	1
CHEE	420	Chem Reaction Engr.....	3	CHEM	402	Chemistry of Materials ²	3
				PHIL	316	Professional Ethics.....	3
						Elective (CHEE) ^{2,3}	3
			14				18
Senior Year (Final Semester)							
CMCN	310	Public Speaking	3				
CHEM	251	Descriptive Inorganic Chemistry	3				
CHEM	252	Inorganic Chem Lab I.....	2				
CHEM	362	Undergrad. Research I	1				
		Elective (ARTS) ¹	3				
		Elective (BHSC) ¹	3				
		Elective (Technical) ³	3				
			18				

*Requires grade of C or better.

¹ Must be chosen from the College of Engineering approved list

² Biology Emphasis: May be elected and requires the following course sequence:

- BIOL 110 and 112 as Elective (BIOL)
- BIOL 111 & 113-substituted for ENGR 201
- PHYS 215 and CHEM 234 substituted for CHEM 221
- CHEM 232—Organic II as Elective (CHEE)
- CHEM 317-substituted for CHEM 402

³ Requires permission of Department