



DEPARTMENT OF APPLIED SCIENCES
PRE-ENGINEERING 2021-2022 Catalog

Pre-Engineering is a two year curriculum for students who plan to complete a Bachelor of Science in Engineering at another institution. This is a curriculum, but each student should research the requirements of the institution they are planning to transfer to for course needs. A student can earn Associates of General Studies at Nicholls State University by completing 60 hours prior to transfer.

1st YEAR	<i>Fall Semester</i>		<u>Prerequisite Information</u>	<u>Hours</u>	<u>Grade</u>	<u>Semester</u>	<u>Course Sub / Recommendation</u>	
	CHEM 105 Introductory Chemistry		C or better in Math 101	3-3-0				
	ENGL 101	English Composition I (GER)	ACT score of 18 or better in English, or C or better in ENGL 003, or S on placement test	3-3-0				
	Humanities Elective (GER)		N/A	3-3-0				
	MATH 165	Calculus	"C" in Math 102 or 108.	5-6-0				
	UNIV 101	University Prep (UR)	First time entering freshmen and transfer students < 30 hours.	1-0-3				
	<i>Spring Semester</i>							
	CHEM 106 Introductory Chemistry II		C or better in Chem 105	3-3-0				
	CHEM 110 Introductory Chem Lab		Credit or Registration Chem 106	2-0-6				
	ENGL 102	English Composition II (GER)	English 101 ("C" or better for graduation)	3-3-0				
Humanities Elective (GER)		N/A	3-3-0					
MATH 166 Calculus II		"C" or better in Math 165	4-5-0					
Social Science Elective (GER)			3-3-0					

2nd YEAR (30 Hours)	<i>Fall Semester</i>		<u>Prerequisite Information</u>	<u>Hours</u>	<u>Grade</u>	<u>Semester</u>	<u>Course Sub / Recommendation</u>	
	PHYS 201 General Physics I		Credit or Registration in Math 165	3-3-0				
	PHYS 203 Physics Lab I		Corequisite: PHYS 101 or 201	1-0-3				
	CMPS 200	Computing Technology for Science Majors (GER)	C or better in Math 100, 101, or 117	3-3-0				
	PSYC 101 General Psychology (GER)		Eligibility for enrollment in ENGL 101 or higher	3-3-0				
	Humanities Elective (GER)			3-3-0				
	EGSC 111 Engineering Graphics with Computer Aided Drawing		Credit or Registration in Math 102 or 108	2-0-5				
	<i>Spring Semester</i>							
	PHYS 202 General Physics II		Prerequisite: PHYS 201	3-3-0				
	PHYS 204 Physics Lab II		Credit or Registration in PHYS 102 or 202	1-0-3				
Fine Art Elective (GER)			3-3-0					
SPCH 101 Fundamentals of Public Speaking		Eligibility for Engl 101 or higher	3-3-0					
Math 265 Calculus III		C or better in Math 166	4-4-0					
Biology Elective			3-3-0					