

College of Engineering Chemical Engineering (BS)



Admission Information

❖ Specialized Admissions – No

❖ Limited Enrollment - No

❖ Separate Major Application
Required – No

❖ Minimum GPA = 2.00 overall

❖ Test Required – No

❖ Admits every semester

**** This is a recommended sequence of courses for general advisement purposes only.
Students are encouraged to meet with their academic advisor****

Required Pre-Requisite Courses

(C minus or higher required in each course)

FSU COURSES

MAC1105 College Algebra
 MAC1140 Pre-Calculus
 MAC1114 Trigonometry
 MAC2311 Calculus I
 BSC2010 Biological Science 1 + Lab (strongly recommended)
 CHM1045 General Chemistry 1 + Lab (strongly recommended)
 CHM1046 General Chemistry II + Lab (strongly recommended)

TSC COURSE EQUIVALENT

MAC1105
 MAC1140
 MAC1114
 MAC2311
 BSC2010/L
 CHM1045/L
 CHM1046/L

Only one repeated attempt out of all pre-engineering courses is permitted.

YEAR 1 TSC

FALL		SPRING	
ENC1101	(3)	ENC 1102	(3)
MAC1105	(3)	MAC1140	(3)
State Core Soc Sci, Area A, Group 1	(3)	BSC2010 and BSC2010 Lab (<i>NSLab</i>)*	(4)
A.A. Elective	(3)	State Core Humanities, Area A: THE2000 recommended (<i>Div</i>)*	(3)
A.A. Elective: SLS1510 or SLS2261 recommended	(3)	Social Science, Area B	(3)
Total: 15		Total: 16	

YEAR 2 TSC

FALL		SPRING	
MAC1114	(3)	MAC2311	(5)
CHM1045 and CHM1045 Lab	(4)	CHM1046 and CHM1046 Lab	(4)
State Core Soc Sci, Area A, Group 2 (<i>Civ Lit</i>)*	(3)	Humanities, Area B	(3)
SPC2608	(3)	A.A. Elective	(3)
A.A. Elective	(3)		
Total: 16		Total: 15	

**FSU Graduation Requirement: NSLab = Natural Science Lab, Div = Diversity, Civ Lit = Civic Literacy*

Total Credits: 62

Transfer to the University Information

Please Note: Face-to-face/in-person instruction of this program is available ONLY at the main campus in Tallahassee, FL. This program is NOT available via Online/Distance Learning.

Website: <https://admissions.fsu.edu/transfer/>

Email: admissions@fsu.edu

Phone: (850) 644-6200

Address: Florida State University
Office of Admissions
A2500 University Center
282 Champions Way
Tallahassee FL 32306-2400

Major Information (CIP: 14.0701)

FAMU/FSU College of Engineering: <https://www.eng.famu.fsu.edu/>

Admission to major: <https://www.eng.famu.fsu.edu/cbe/undergraduate-admissions>

Email: eburgess@eng.famu.fsu.edu

Employment Information

FSU Career Center: <https://www.career.fsu.edu/>

Representative Job Titles Related to this Major: Chemical Engineer, Petroleum Engineer, Environmental Engineer, Biomedical Engineer, Biochemical Engineer, Design Engineer, Food Engineer, Development Engineer, Polymer Engineer, Project Engineer, Process Engineer, Research Engineer, Materials Engineer.

Representative Employers: The work of the chemical engineer is to analyze, develop, design, control, construct, and/or supervise chemical processes in research and development, pilot-scale operations, and industrial production. The graduate in chemical engineering is particularly versatile. Industrial work may involve the production, operation, or research departments of chemical or allied plants, such as inorganic chemicals (e.g., acids, alkalis, pigments, fertilizers), organic chemicals (e.g., petroleum, petrochemicals, polymers, fuels, propellants, plastics, pharmaceuticals, specialty chemicals), biological products (e.g., enzymes, vaccines, biochemicals, biofuels), materials (e.g., ceramics, polymeric materials, paper, biomaterials), and foods. Employment is also available in the technical service, process improvement, or environmental compliance sections of such industries. Graduate education in chemical engineering, biomedical engineering, medical school, dental school, business school, law school, and other science or engineering disciplines are viable alternatives for the more accomplished graduate. Research and development work or policy analysis at governmental agencies, and university/college teaching are other employment options.