



# FLORIDA STATE UNIVERSITY

## College of Engineering Mechanical Engineering (BS)



### Admission Information

❖ Specialized Admissions – No

❖ Minimum GPA = 2.00 overall

❖ Limited Enrollment - No

❖ Test Required – No

❖ Separate Major Application  
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  
 COP3014 Programming I (strongly recommended)  
 CHM1045 General Chemistry I + Lab

### TCC COURSE EQUIVALENT

MAC1105  
 MAC1140  
 MAC1114  
 MAC2311  
 COP2221\*  
 CHM1045/L

**\*COP2220 at TCC is a required prerequisite to COP2221**

### YEAR 1 TCC

FALL		SPRING	
ENC1101	(3)	ENC 1102/ENC1141	(3)
MAC1105	(3)	MAC1140	(3)
State Core Soc Sci, Area A, Group 1	(3)	CHM1045 + CHM1045 Lab (NSLab)*	(4)
SLS1510 or SLS2261	(3)	State Core Humanities, Area A: THE2000 recommended (Div)*	(3)
A.A. Elective	(3)	A.A. Elective	(3)
<b>Total: 15</b>		<b>Total: 16</b>	

### YEAR 2 TCC

FALL		SPRING	
MAC1114	(3)	MAC2311	(5)
TCC Core Humanities, Area B	(3)	TCC Core Soc Sci, Area B, Group 1	(3)
State Core Soc Sci, Area A, Group 2: AMH2020 or POS1041 (Civ Lit)*	(3)	COP2221	(3)
TCC Core Natural Sci., Area B	(3)	TCC Core Soc Sci, Area B, Group 2	(3)
COP2220	(3)		
<b>Total: 15</b>		<b>Total: 14</b>	

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

**Total Credits: 60**

# Transfer to the University Information

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

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

**Email:** [admissions@fsu.edu](mailto: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

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

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

**Email:** [hollis@eng.famu.fsu.edu](mailto:hollis@eng.famu.fsu.edu)

## Employment Information

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

**Representative Job Titles Related to this Major:** Basic Engineering: Applied Mechanics, Bioengineering, Fluids Engineering, Heat Transfer, Tribology. Energy Conversion: Internal Combustion Engines, Fuels and Combustion Technologies, Gas Turbine, Nuclear Engineering, Power. Energy Resources: Advanced Energy Systems, Ocean Engineering, Petroleum, Solar Energy. Environment and Transportation: Aerospace, Air Pollution Control, Noise Control and Acoustics, Rail Transportation, Solid Waste Processing. General Engineering: Management, Safety, Technology and Society. Materials and Structures: Materials, Pressure Vessels and Piping, NDE Engineering, Offshore Mechanics and Arctic Engineering. Manufacturing: Materials Handling Engineering, Plant Engineering and Maintenance, Process Industries, Production Engineering, Textile Industries. Systems and Design: Computer Engineering, Design Engineering, Dynamic Systems and Control, Electrical and Electronic Packaging.

**Representative Employers:** Government, Private Business, Industry, Education.