



FLORIDA STATE UNIVERSITY

College of Engineering Mechanical Engineering (BS)



Admission Information

❖ Limited Access – 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)
TCC Core Soc Sci, Area B, Group 2: SLS1510 or SLS2261	(3)	State Core Humanities, Area A: THE2000 recommended (Mult Y)*	(3)
A.A. Elective	(3)	A.A. Elective	(3)
Total: 15		Total: 16	

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)	A.A. Elective	(3)
COP2220	(3)		
Total: 15		Total: 14	

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

Total Credits: 60

Transfer to the University Information

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

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

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.