



FAMU-FSU College of Engineering

Bachelor of Science

Mechanical Engineering



**You're in Striking Distance of a Bachelor's Degree!  
IGNITE YOUR PATHWAY!**



# FAMU-FSU College of Engineering

## Mechanical Engineering

❖ Limited Access – No

❖ Minimum GPA = 2.0

❖ College Application Required – No

❖ Test Required – N/A

### Required Pre-Requisite Courses

(C- or higher in all courses)

#### FAMU COURSES

MAC 2311 Calculus I

MAC 2312 Calculus II

PHY 2048 General Physics I

CHM 1045 General Chemistry I

#### SPC COURSE EQUIVALENT

MAC 2311 Calculus with Analytic Geometry I

MAC 2312 Calculus with Analytic Geometry II

PHY 2048 Physics I

CHM 2045 General Chemistry I

#### YEAR 1 SPC

FALL	SPRING	SUMMER
ENC 1101 – Composition I	CHM 1025 & 1025L – Intro. Chemistry & Lab	PHI 1600 – Applied Ethics
MAC 1105 – College Algebra	MAC 1147 – Pre-calculus Algebra/Trigonometry	MAC 2311 – Calculus w/ Analytic Geometry
POS 2041 – American National Government	ENC 1102 – Composition II	
HUM 1020 – Intro. to Humanities	*EGN 1002 – Intro. To Engineering	
<i>Semester total: 12 credits</i>	<i>Semester total: 15 credits</i>	<i>Semester total: 8 credits</i>

#### YEAR 2 SPC

FALL	SPRING	SUMMER
CHM 2045 & 2045L – General Chemistry & Lab	SPC 1608 – Public Speaking	PHY 2049 & 1049L – Physics II & Lab
HUM 2270 – Humanities: East-West Synthesis	PHY 2048 & 1048L – Physics I & Lab	
MAC 2312 – Calculus w/ Analytic Geometry II	MAC 2313 – Calculus w/ Analytic Geometry III	
PSY 1012 – General Psychology	CGS 1070 – Basic Computer & Info. Literacy	
	<b>GRADUATE W/ AA DEGREE</b>	
<i>Semester total: 15 credits</i>	<i>Semester total: 12 credits</i>	<i>Semester total: 4 credits</i>

Total Credits: 66 (60 req. for AA degree)

#### **Foreign Language Requirements:**

All undergraduate students are required to have two years of Foreign Language study prior to graduation with a bachelor's degree from Florida A&M University.

