



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	
	GRADUATE W/ AA DEGREE	
<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.

YEAR 3 FAMU START

FALL		SPRING		SUMMER	
EML 3002	2	EML 3011C	4	EEL 3003	3
EML 3002L	3	EML 3013C	4	5th MATH	3
EML 3004	3	EML 3811	2		
EML 3234	3	MAP 3305 or MAP 2302	3		
COP 3014	3				
	Total: 14		Total: 13		Total: 6

YEAR 4 FAMU START

FALL		SPRING		SUMMER	
EML 3012C	3	EML 3016C	4		
EML 3014C	3	EML 3018C	4		
EML 3015C	4	EML 4304L	3		
EML 3017C	4	EML 4550	3		
	Total 14		Total 14		

YEAR 5 FAMU START

FALL		SPRING		SUMMER	
EML 4551C	3	Tech Elect III	3		
EML Tech Elect I	3	Tech Elect IV	3		
EML Tech Elect II	3	EML 4552C	3		
	Total: 9		Total: 9		

Total Credits: 145

FAMU Transfer Requirements

* EGN1002- This course is not required if students complete MAC2311, MAC2312 and PHY2048/1048L at SPC

Please Note: In order to be admitted in the College, a student must have earned a C- or above and a 2.0 GPA in the 36 hours of their general education Core classes. Students who are able to do those things before transferring to FAMU have a much smoother transition to the major rather than having to remain in the pre-major for more than a semester.

Contact Information

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