



Academic Pathway to:
Engineering: FAMU

Associate in Arts
Code: 1080
Length: 60 credits

For more information contact:
Student Affairs
850-526-2761

FRESHMAN YEAR

Table with 4 columns: 1st Semester, Sem. Hrs., 2nd Semester, Sem. Hrs. Rows include course numbers and names like ENC 1101, CHM 1045C, and a total of 16 hours for the first semester and 14 for the second.

SOPHOMORE YEAR

Table with 4 columns: 1st Semester, Sem. Hrs., 2nd Semester, Sem. Hrs. Rows include course numbers and names like XXX XXXX1, MAC 2313, and a total of 15 hours for the first semester and 14 for the second.

1 See General Education Requirements in the Current Chipola College Catalog.

2 MAC 1311 Prerequisites: MAC 1114 and MAC 1140

3 CHM 1046C & 1046L required for Chemical, Chemical-Biomedical, and Environmental Engineering majors only.

4 Prerequisite courses for admissions in the upper division major with a "C" or higher: MAC 1311, MAC 2312, MAC 2313, MAP 2302, CHM 1045C/Lab, PHY 2048C/Lab, and PHY 2049C/Lab

5 Students enrolled in AA, AS, or BS degree programs must complete the State of Florida's Civic Literacy requirement. See catalog or contact an Academic Advisor for more information. Requirements: FCLE AND one course from POS 2041 or AMH 2020 or (AMH 2010 beginning Fall 2024).

SEE PAGE 2 for major specific courses.

While academic advisors, faculty, and staff provide significant academic planning and related assistance to students, completion of all degree requirements, and the process of monitoring progress to that end, is ultimately the responsibility of the student.

Engineering Programs	BSC 2010	STA 2023	CHM 1045C/L	CHM 1046C/L	MAC 1311	MAC 2312	MAC 2313	MAP 2302	PHY 2048C/L	PHY 2049C/L	Other Required Courses
Chemical	X		X	X	X	X	X	X	X	X	EGN 1004L ¹ , CHM 2210/L, CHM 2211/L
Chemical-Biomedical	X		X	X	X	X	X	X	X	X	EGN 1004L ¹ , CHM 2210/L, CHM 2211/L
Civil	X	X	X		X	X	X	X	X	X	EGN 1004L ¹
Computer			X		X	X	X	X	X	X	EGN 1004L ¹ , COP 3014 ²
Electrical			X		X	X	X	X	X	X	EGN 1004L ¹ , COP 3014 ²
Environmental	X	X	X	X ³	X	X	X	X	X	X	EGN 1004L ¹
Industrial			X		X	X	X	X	X	X	EGN 1004L ¹
Mechanical			X		X	X	X	X	X	X	EGN 1004L ¹

¹ EGN 1004L is not offered at Chipola, should be taken at FSU.

² COP 3014 is not offered at Chipola, can be taken at FSU.

³ Environmental Engineering majors may take CHM 1046C with lab or MCB 2010 with lab.