



Academic Pathway to:
Engineering: FSU

Associate in Arts
Code: 1080
Length: 60 credits

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

FRESHMAN YEAR

1st Semester		Sem. Hrs.	2nd Semester		Sem. Hrs.
ENC 1101	English Composition I	3	ENC 1102	English Composition II	3
CHM 1045C & 1045L ⁴	General Chemistry I with Lab	4	CHM 1046C & 1046L ^{3,4}	General Chemistry II with Lab	4
XXX XXXX ⁵	SOCIAL SCIENCE CORE	3	or BSC 2010 & 2010L	Int Principles of Biology I with Lab	
MAC 1311 ^{2,4}	Calculus I	4	XXX XXXX ¹	HUMANITIES CORE	3
SLS 1101	Orientation	1	MAC 2312 ⁴	Calculus with Analytic Geometry II	4
SLS 1401	Career and Life Planning	1			
TOTAL		16	TOTAL		14

SOPHOMORE YEAR

1st Semester		Sem. Hrs.	2nd Semester		Sem. Hrs.
XXX XXXX ¹	GORDON RULE WRITING	3	XXX XXXX ¹	GORDON RULE WRITING	3
MAC 2313 ⁴	Calculus with Analytic Geometry III	4	XXX XXXX ⁵	SOCIAL SCIENCE	3
CGS 1060 ⁶	Intro to Microcomputer Use	3	PHY 2049C & 2049L ⁴	General Physics II with Calculus	5
PHY 2048C & 2048L ⁴	General Physics with Calculus I	5	MAP 2302 ⁴	Differential Equations	3
TOTAL		15	TOTAL		14

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

² MAC1311 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).**

⁶ CGS 1060 meets FSU computer competency requirement.

FSU requires 6 hrs. of international/diversity courses. If you complete an AA degree before transferring, FSU only requires 3 hrs. of international/diversity coursework. Chipola courses that meet this requirement include AMH 2091/2093, ARH 1000, ASH 1044, REL 2300, and THE 1000.

FSU requires an Oral Competency Course: SPC 2608 meets this requirement.

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.