

This Associate in Arts degree program is designed for students who plan to transfer and earn a degree in any field which requires a good knowledge of chemistry as a background for some other field at Florida State University.

This is a good choice for a pre-med, pre-vet, pre-dental student. However, one year of general biology with lab is required for a pre-med major; student should complete the biology sequence during the junior year at FSU.

For more program information, visit the [FSU website](#), [program description](#), and [academic map](#).

Possible employment opportunities for this major include pharmaceutical sales, service representative, technical writer, inspector (food or drug), laboratory assistant, technician, high school teacher.

For more information please visit the [Occupational Outlook Handbook](#) website.

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.

ACADEMIC PLAN: Associate in Arts Degree

Chemistry

Transfer Institution: Florida State University

Code **Program Length**
1034 60 credits

Entrance Requirements

All first time in college (Fall 2014 and beyond) students are required to successfully complete two years of the same foreign language in high school or two semesters of the same foreign language at the college level before the associate degree is awarded. Home School students must demonstrate competency through competency testing. **This major is in the College of Arts and Sciences and requires completion of a foreign language through the 2220 level before graduation from FSU.** If the additional foreign language is not taken before transfer, student will be required to take a placement test over the material covered in the first two years before being allowed to take additional foreign language. If the student does not pass, he/she may be denied admission into the program.

FSU requires competency in oral communications for graduation. If students took a speech course in high school or were members of a debate team, they may exempt this requirement during the FSU admissions process. If not, students should take SPC 2608 at Chipola to satisfy this requirement. FSU requires basic computer proficiency. **CGS 1060 or CGS 1100 at Chipola or CHM 3120L, Analytical Chemistry Lab, at FSU will satisfy this requirement. Grade of "C" or higher is required.**

A student who has earned more than five unsatisfactory grades (U, F, or D) in courses required for the major (chemistry, physics, mathematics, biological science, and approved outside electives) and their prerequisites at FSU or elsewhere, whether or not repeated, will not be permitted to graduate with a degree in the major.

FRESHMAN YEAR

1st Semester		Sem. Hrs.	2nd Semester		Sem. Hrs.
ENC 1101 ¹	English Composition I	3	ENC 1102 ¹	English Composition II	3
CHM 1045 & 1045L	General Chemistry I & Lab	4	CHM 1046 & 1046L	General Chemistry II & Lab	4
MAC 1140 & 1114	Precalculus Algebra & Trig	6	MAC 1311	Calculus & Analytic Geometry I	4
AMH 2020	American History since 1865	3	XXX XXXX ^{2,4}	SOCIAL SCIENCE	3
SLS 1401	Career and Life Planning	1	XXX XXXX ¹	HUMANITIES CORE	3
SLS 1101	Orientation	1			
TOTAL		18	TOTAL		17

SOPHOMORE YEAR

1st Semester		Sem. Hrs.	2nd Semester		Sem. Hrs.
XXX XXXX ¹	GORDON RULE WRITING	3	XXX XXXX ¹	GORDON RULE WRITING	3
PHY 2048C & 2048L	General Physics I w/ Calculus & Lab	5	PHY 2049C & 2049L	General Physics II w/ Calculus & Lab	5
CHM 2210 & 2210L	Organic Chemistry I & Lab	5	CHM 2211 & 2211L	Organic Chemistry II & Lab	4
MAC 2312	Calculus & Analytic Geometry II	4	MAC 2313	Calculus & Analytic Geometry III	4
TOTAL		17	TOTAL		16

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

² 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, ASH 1044, GEA 2001/2002, REL 2300, SYG 1010, and THE 1000.

³ **This major is in the College of Arts and Sciences and requires completion of a foreign language through the 2220 level before graduation from FSU.**

⁴ **All first-time-in-college students (Fall 2018 and beyond) are required to demonstrate competency in civic literacy through one of the following options:**

1) successfully passing either POS 2041 American Federal Government or AMH 2020 American History Since 1865, or 2) achieving the standard score on AP Government and Politics: United States, AP United States History or CLEP: American Government.

2020-2021

For more information
Contact:
Student Affairs
Chipola College
(850) 718-2266

