

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.

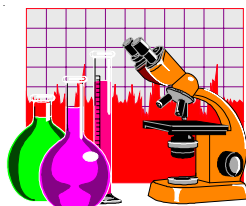
This is a good choice for a pre-med, pre-vet, pre-dental student. However, one year of general biology with lab is required for a pre-med major; student should complete the biology sequence during the junior year at FSU. **This degree should not be pursued by someone planning to work as a chemist or planning to do graduate work in chemistry; choose chemistry instead.**

For more program information, visit the FSU website.

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](#).

The courses listed on this guide are not to be construed as a contract between the student and Chipola or the University. Course requirements may change each year. You are encouraged to work closely with your advisor.

Associate in Arts Degree



Chemical Science

Transfer Institution: Florida State University

Code Program Length
1034 60 credits

Entrance Requirements

FSU WILL DENY ADMISSION TO ANY STUDENT WHO HAS NOT SATISFIED THE STATE FOREIGN LANGUAGE ADMISSIONS REQUIREMENT. This major is in the College of Arts and Sciences and requires completion of a foreign language through the 2200 level before graduation from FSU.

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 2600 at Chipola to satisfy this requirement.

FSU requires basic [computer proficiency](#). Students must demonstrate email, Internet, word processing, & spreadsheet skills; demonstrations are monitored by the FSU Computer Science department. CGS 1060, CGS 1100, or EME 2040 will satisfy this requirement.

A student who has earned more than five unsatisfactory grades (U, F, or D) in courses or in prerequisites required for the major in chemical science (biological science, chemistry, physics, mathematics, statistics, and approved outside electives) at FSU or elsewhere, whether or not repeated, will not be permitted to graduate with a degree in chemical science from FSU. A minimum 2.0 GPA (no forgiveness) required in the above courses.

FRESHMAN YEAR

1st Semester		Sem. Hrs.	2nd Semester		Sem. Hrs.
ENC 1101	Communication Skills I	4	ENC 1102	Communication Skills II	4
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	5
SLS 1101	Orientation	1	XXX XXXX ¹	SOCIAL SCIENCE	3
TOTAL		15	TOTAL		16

SOPHOMORE YEAR

1st Semester		Sem. Hrs.	2nd Semester		Sem. Hrs.
XXX XXXX	HUMANITIES [Gordon Rule Course(s)]	4	XXX XXXX	HUMANITIES	3
PHY 1053C & 1503L	General Physics I & Lab	4	PHY 1054C & 1054L	General Physics II	4
CHM 2210 & 2210L	Organic Chemistry I & Lab	5	CHM 2211 & 2211L	Organic Chemistry II & Lab	4
XXX XXXX	ELECTIVE	2-3	XXX XXXX ²	SOCIAL SCIENCE	3
TOTAL		15-16	TOTAL		14

¹ FSU requires an international/diversity course for graduation. The Chipola courses which meet both a social science and a diversity requirement include: GEA 2001, GEA 2002, REL 2300, SYG 1010, WOH 2012, & WOH 2022. It is strongly recommended that one of these courses be completed before earning your AA degree.

² One history course is required for graduation from FSU; AMH 2010/2020 or WOH 2012/2022 will satisfy this requirement.

2004-2005

For more information
Contact:

Student Services
Chipola College
(850) 718-2266

