

This Associate in Arts degree program is designed for students who plan to transfer and earn a degree in any track within the Biology curriculum at Florida State University.

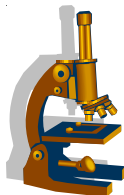
This is an excellent major for pre-med students. However, one year of general physics is required for pre-med majors; students should complete the physics sequence during the junior year at FSU.

For additional program information, visit the [FSU website](#).

Possible employment opportunities for this major include biological scientist, biotechnologist, biostatistician, microbiologist, epidemiologist, molecular biologist, marine biologist, forensic biologist, botanist/zoologist, research biologist, fisheries biologist, geneticist, wildlife ecologist, teacher, environmental resource manager, environmental scientist. 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



Biological Science

Transfer Institution: Florida State University

Code 1019 **Program Length** 60 credits

2006-2007

For more information
Contact:

Student Services
Chipola College
(850) 718-2266



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 and additional coursework in history and humanities 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](#). 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 biological 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 biological science from FSU. A minimum 2.0 GPA (no forgiveness) required in the above courses. Take PHY 1053C & 1053L/PHY 1054C & 1054L or PHY 2048C & 2048L/PHY 2049C & PHY 2049L if possible. Prospective majors must also schedule a preliminary meeting with an FSU undergraduate biological sciences adviser to discuss program requirements.

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	AMH or WOH	American History or World History	3
TOTAL		15	TOTAL		16

SOPHOMORE YEAR

1st Semester		Sem. Hrs.	2nd Semester		Sem. Hrs.
XXX XXXX ¹	GORDON RULE WRITING	4	XXX XXXX	HUMANITIES	3
MAC 2312	Calculus & Analytic Geometry II	4	XXX XXXX ²	SOCIAL SCIENCE	3
BSC 2010 & 2010L	Integrated Princ of Biology I & Lab	4	BSC 2011 & 2011L	Integrated Princ of Biology II & Lab	4
CHM 2210 & 2210L	Organic Chemistry I & Lab	5	CHM 2211 & 2211L	Organic Chemistry II & Lab	4
TOTAL		17	TOTAL		14

¹ Choose 4 hours from the following: AML 2010, AML 2020, ENL 2012, ENL 2022, ENC 1133, HUM 2216, HUM 2233, or SPT 2521.

² FSU requires an international/diversity course for graduation. The Chipola courses which meet a social science requirement at Chipola and should meet a diversity requirement at FSU include GEA 2001, GEA 2002, REL 2300, and SYG 1010. It is strongly recommended that one of these courses be completed before earning the AA degree.