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, forensics, botanist/zoolist, 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.

### 2007-2008

**Associate in Arts Degree**

**Biological Science**

**Transfer Institution: Florida State University**

*Code  Program Length*

1019  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 2220 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 or CGS 1100 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 & 1054L/PHY 1054C & 1054L 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.**  
ENC 1101 Communication Skills I  4  
CHM 1045 & 1045L General Chemistry I & Lab  4  
MAC 1140 & 1114 Precalculus Algebra & Trig  6  
SLS 1101 Orientation  1  
**TOTAL**  15  

*2nd Semester*  
**Sem. Hrs.**  
ENC 1102 Communication Skills II  4  
CHM 1046 & 1046L General Chemistry II & Lab  4  
MAC 1311 Calculus & Analytic Geometry I  5  
AMH or WOH American History or World History  3  
**TOTAL**  16

### SOPHOMORE YEAR

*1st Semester*  
**Sem. Hrs.**  
XXX XXXX1 GORDON RULE WRITING  4  
MAC 2312 Calculus & Analytic Geometry II  4  
BSC 2010 & 2010L Integrated Princ of Biology I & Lab  4  
CHM 2210 & 2210L Organic Chemistry I & Lab  5  
**TOTAL**  17

*2nd Semester*  
**Sem. Hrs.**  
XXX XXXX2 HUMANITIES  3  
XXX XXXX SOCIAL SCIENCE  3  
BSC 2011 & 2011L Integrated Princ of Biology II & Lab  4  
CHM 2211 & 2211L Organic Chemistry II & Lab  4  
**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.

Contact:  
Student Services  
Chipola College  
(850) 718-2266

For more information

*Students should consult their Chipola Transfer Guide*