

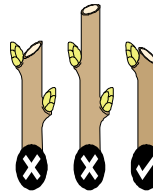
This Associate in Arts degree program includes courses required for those students who expect to transfer and earn a bachelor's degree in the College of Agriculture at the University of Florida.

This major is designed to develop fundamental knowledge of bacteria, plant, and animal cells and viruses. It provides a background for pursuing graduate work in microbiology, cell biology, or biochemistry, as well as other areas of agricultural sciences. It also provides a background necessary for work in research or diagnostic labs, both governmental and industrial. In addition, the curriculum provides a background for entry into the professions of dentistry, medicine, and veterinary medicine. For additional program information, visit the [UF website](#).

Possible career options in agriculture include high school ag or biology teacher, county agent, ag equipment sales, ag engineering, environmental systems manager, land and water manager, forest resource manager, horticulturist, wildlife manager, and pre-professional preparation for the colleges of medicine, dentistry, pharmacy, and veterinary sciences. 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



# Microbiology & Cell Science - College of Agriculture

## Transfer Institution: University of Florida

**Code** 1015      **Program Length** 60 credits

### Entrance Requirements

A 2.0 overall GPA with a minimum 2.5 GPA in all tracking courses is required, with no grade lower than "C." All attempts on tracking courses except "W's" are used to compute the 2.5 GPA.

Admission Deadlines: Summer A 2004 - February 1; Summer B 2004 - March 1; Fall 2004 - March 1.

THE UNIVERSITY OF FLORIDA WILL DENY ADMISSION TO ANY STUDENT WHO HAS NOT SATISFIED THE STATE FOREIGN LANGUAGE REQUIREMENT.

ALL STUDENTS ENTERING UF ARE REQUIRED TO POSSESS A PERSONAL COMPUTER. CHECK THE UF [INTERNET LINK](#) FOR SPECIFIC COMPUTER HARDWARE AND SOFTWARE CONFIGURATIONS FOR THIS MAJOR.

The courses listed in BOLD are critical tracking courses for this major at UF.

### FRESHMAN YEAR

1st Semester		Sem. Hrs.	2nd Semester		Sem. Hrs.
ENC 1101	Communication Skills I	4	ENC 1102	Communication Skills II	4
<b>CHM 1045 &amp; 1045L</b>	<b>General Chemistry I with Lab</b>	4	<b>CHM 1046 &amp; 1046L</b>	<b>General Chemistry II with Lab</b>	4
MAC 1114	Trigonometry	3	<b>MAC 1311<sup>2</sup></b>	<b>Calculus and Analytic Geometry I</b>	5
XXX XXXX	SOCIAL SCIENCE	3	XXX XXXX	HUMANITIES	3
SLS 1101	Orientation	1			
TOTAL		15	TOTAL		16

### SOPHOMORE YEAR

1st Semester		Sem. Hrs.	2nd Semester		Sem. Hrs.
XXX XXXX	COMMUNICATIONS (Gordon Rule Course)	4	XXX XXXX	HUMANITIES	3
XXX XXXX <sup>1</sup>	NATURAL SCIENCE	4-5	XXX XXXX <sup>1</sup>	NATURAL SCIENCE	4
<b>BSC 2010 &amp; 2010L</b>	<b>Principles of Biology I with Lab</b>	4	<b>BSC 2011 &amp; 2011L</b>	<b>Principles of Biology II with Lab</b>	4
SPC 2600	Effective Public Speaking	3	ECO 2023	Microeconomics	3
Total		15-16	Total		14

<sup>1</sup> PHY 1053C/1053L & PHY 1054C/1054L and CHM 2210/2210L & CHM 2211/2211L are required during the junior year at UF; they may be taken at Chipola prior to transfer. UF recommends that both PHY's and both CHM's be taken at the same institution (both at Chipola or both at UF).

<sup>2</sup> Additional calculus courses may be required, depending on graduate school.

# 2003-2004

For more information  
Contact:

Student Services  
Chipola College  
(850) 718-2266

