

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](#).

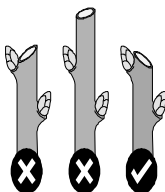
Possible career options in agriculture include high school ag or biology teacher, county agent, ag equipment sales, ag engineering, environmental systems manager, land and water manager, forest resource manager, horticulturist, wildlife manager, and pre-professional preparation for the colleges of medicine,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

2002-2003

For more information
Contact:

Student Services
Chipola Junior College
(850) 718-2266



Entrance Requirements

A 2.0 GPA with a minimum 2.5 GPA in the tracking courses is required.

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 CJC ONLINE CURRICULUM GUIDE FOR AN [INTERNET LINK](#) TO UF 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
CHM 1045 & 1045L¹	General Chemistry I with Lab	4	CHM 1046 & 1046L¹	General Chemistry II with Lab	4
MAC 1114 ¹	Trigonometry	3	MAC 1311¹	Calculus and Analytic Geometry I	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
CHM 2210 & 2210L¹	Organic Chemistry I with Lab	5	CHM 2211 & 2211L ¹	Organic Chemistry II with Lab	4
BSC 2010 & 2010L¹	Principles of Biology I with Lab	4	BSC 2011 & 2011L¹	Principles of Biology II with Lab	4
SPC 2600	Effective Public Speaking	3	ECO 2023	Microeconomics	3
Total		16	Total		14

¹ GPA of 2.5 required in all math and science courses. PHY 1053C/1053L and PHY 1054C/1054L are required during the junior year at UF; may be taken at CJC prior to transfer.