

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](#).

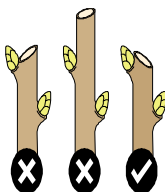
Possible career options in agriculture include high school ag or biology teacher, county agent, ag equipment sales, ag engineering, environmental systems manager, land and water manager, forest resource manager, horticulturist, wildlife manager, and pre-professional preparation for the colleges of medicine, 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; grade of "C" must be attained within two (2) attempts.

Admission Deadlines: Check UF website.

UF WILL DENY ADMISSION TO ANY STUDENT WHO HAS NOT SATISFIED THE STATE FOREIGN LANGUAGE ADMISSIONS REQUIREMENT.

All students entering UF are required to possess a personal computer. Check this UF website (<http://www.circa.ufl.edu/computer.htm>) for a link to 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 & 1045L	General Chemistry I with Lab		4	CHM 1046 & 1046L	General Chemistry II with Lab		4
MAC 1114	Trigonometry		3	MAC 1311²	Calculus and Analytic Geometry I		5
XXX XXXX	ELECTIVE		2-3	XXX XXXX	SOCIAL SCIENCE		3
SLS 1101	Orientation		1				
TOTAL			14-15	TOTAL			16

SOPHOMORE YEAR

1st Semester			Sem. Hrs.	2nd Semester			Sem. Hrs.
XXX XXXX ³	GORDON RULE WRITING		4	XXX XXXX	HUMANITIES		3
CHM 2210 & 2210L ¹	Organic Chemistry I with Lab		5	CHM 2211 & 2211L ¹	Organic Chemistry II with Lab		4
BSC 2010 & 2010L	Principles of Biology I with Lab		4	BSC 2011 & 2011L	Principles of Biology II with Lab		4
SPC 2600	Effective Public Speaking		3	ECO 2023	Microeconomics		3
TOTAL			16	TOTAL			14

¹ PHY 1053C/1053L & PHY 1054C/1054L, if not already completed, are also required during the junior year at UF; they may be taken at Chipola prior to transfer. UF recommends that both PHY's be taken at the same institution (both at Chipola or both at UF).

² Additional calculus courses may be required, depending on graduate school.

³ Choose 4 hours from the following: AML 2010, AML 2020, ENL 2012, ENL 2022, ENC 1133, HUM 2216, HUM 2233, or SPT 2521.

2007-2008

For more information
Contact:

Student Services
Chipola College
(850) 718-2266

