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

2009-2010
For more information Contact:
Student Services
Chipola College
(850) 718-2266

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.

FRESHMAN YEAR

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 Trigonometry 3 MAC 13111,3 Calculus and Analytic Geometry I 4
XXX XXXX2 ELECTIVE 3 XXX XXXX SOCIAL SCIENCE 3
SLS 1101 Orientation 1
TOTAL 15 TOTAL 15

SOPHOMORE YEAR

XXX XXXX4 GORDON RULE WRITING 4 XXX XXXX HUMANITIES 3
CHM 2210 & 2210L1 Organic Chemistry I with Lab 5 CHM 2211 & 2211L1 Organic Chemistry II with Lab 4
BSC 2010 & 2010L1 Int. Principles of Biology I with Lab 4 BSC 2011 & 2011L1 Int. Principles of Biology II with Lab 4
SPC 2608 Effective Public Speaking 3 ECO 2013 or ECO 2023 Macroeconomics 3
or Microeconomics
TOTAL 16 TOTAL 14

1 UF critical tracking courses.
2 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).
3 Additional calculus courses may be required, depending on graduate school.
4 Choose 4 hours from the following: AML 2010, AML 2020, ENL 2012, ENL 2022, ENC 1133, HUM 2216, HUM 2233, or SPT 2521.