

Bachelor of Science
BIOLOGY & BIOLOGY SECONDARY EDUCATION

**Points
of
Contact**

Website: <http://www.clayton.edu/science/biology>

Academic Advisor: TBA—Contact Advisement Center 678-466-4727 or
Visit <http://www.clayton.edu/arts-sciences/advising>

Biology (BS) Coordinator: PaulMelvin@clayton.edu/678-466-4789/NBS, 150

Biology Sec. Ed. (BS) Coordinator: EmilyHarbert@clayton.edu/678-466-4795/Faculty Hall, 135A

Department Chair: MichelleFurlong@clayton.edu/678-466-4778/Faculty Hall, 28A

Students will be advised by a faculty advisor when enrolled in Organic Chemistry I (CHEM 2411/L).

**General
Program
Information**

The Biology degree will prepare graduates to demonstrate knowledge of the basic principles of major fields of biology, mastery of basic lab and technology skills applicable to biology and demonstrate the ability to collect, evaluate and interpret scientific data. Graduates will be prepared to work in a number of areas including government agencies, law enforcement and public health. Graduates will also be prepared to further their education in pursuit of graduate or professional degrees in biological fields such as medicine, dentistry and veterinary sciences, physical therapy and physician assisting). The Biology (Secondary Education) program prepares students for professional certification to teach grades 6—12.

**Course
&
Curriculum
Information**

- Curriculum Worksheets may be found at <http://www.clayton.edu/science/biology/advisement/curriculum>
- Students will complete Areas A—E of the general core curriculum with the following specific course requirements:
 - Area A2**—Precalculus (MATH 1113), Trigonometry (MATH 1112A), or Calculus I (MATH 1501)
 - Area D1**—Principles of Chemistry I & II (CHEM 1211/L & CHEM 1212/L)
 - Area D2**—Introductory Statistics (MATH 1231)
- Major Specific Electives (Area F) requires completion of:
Principles of Biology I & II (BIOL 1107/L & BIOL 1108/L)
Organic Chemistry I & II (CHEM 2411/L & CHEM 2412/) and Introduction to Plant Biology (BIOL 2500)
- **Students must complete the following courses ASAP for successful progression in the major**
 - Principles of Biology I & II (BIOL 1107/L & 1108/L)
 - Introduction to Statistics (MATH 1231)
 - Principles of Chemistry I & II (CHEM 1211/L & 1212/L)
- REGISTER EARLY! Science courses and labs fill very quickly.
- A minimum grade of a “C” is required in all labs, science and math courses in Areas A-F.
- A minimum grade of a “C” is required in all courses for Secondary Education majors.
- Students must meet certain requirements to be considered for admission to the Teacher Education program. Admission requirements can be found at: <http://a-s.clayton.edu/teachered/Secondary%20Ed%20Links.htm> under “Secondary Education Application.”

COLLEGE OF ARTS & SCIENCES ADVISEMENT CENTER

B.S. BIOLOGY & BIOLOGY SECONDARY EDUCATION

What Can I Do With A Major In.....Biology?

Major Description: The Biology (B.S.) Program is designed to offer students work in a number of areas, including government agencies and law enforcement. The major also prepares the student for further education in pursuit of graduate degrees or professional degrees in biological fields (e.g., medicine, dentistry, etc.).

Some Related Job Titles*	Possible Employers	Additional Resources for more information:
Aquarium & Museum Technician/Worker	Centers for Disease Control Coastal Marine Biology Labs/Facilities	Clayton State University http://a-s.clayton.edu/Biology/
Dietitian & Nutritionist	Education Facilities (teacher, lab tech.)	Books-Career Services Library
Food Scientist Technician	Food and Beverage Companies	Occupational Outlook Handbook http://www.bls.gov/oco/
Health Officer	Food Manufacturers	O*NET http://www.onetonline.org/
Laboratory Assistant	Government (local and federal)	Georgia Career Information Center www.GCIC.peachnet.edu (call for password and login information)
Market Research Analyst	Healthcare Facilities (hospitals, clinics)	
Medical Librarian	Insurance Companies	
Microbiologist	Life Sciences Organizations	
Mortician	Local, State or Federal Parks	
Research Assistant	Manufacturing Plants	
Science Teacher	Museums/Aquariums/Zoo	
State Parks & Recreation Officer	Non-Profit Organizations	
Technical Writer	Service Industries (car rental, airlines, etc.)	
Test-Inspection Technician	Utility Service Providers	
Water Quality Technician		
Wildlife Resources Manager		
Zoologist		

* This list is a sample of options. There are many more titles and employers from which to choose, this is just a sample of a few. When considering job titles for yourself, consider *your* **skills, knowledge, and experience level**. If you are unaware of your personal skill set, schedule a meeting with a career counselor at the phone number listed below. We look forward to helping you discover your "best fit" in a career based on your interests.

Career Services Edgewater Hall — Suite 228 — 678-466-5400