



AGNES SCOTT
COLLEGE



Major in Biology

As a biology major, you will study all areas of the biological hierarchy from molecules to ecosystems. The biology major is flexible so that students may design a program of study that best fits their goals. Many biology classes use case studies or flipped-classroom approaches to create a less structured classroom environment and to encourage group and discussion-based learning. Research experiences, in course labs, one-on-one with faculty mentorship, or at neighboring institutions, are a regular and encouraged aspect of the curriculum.

Internship and Research Sites (*recent Scottie sites)

- CDC labs*
- Chattahoochee Riverkeepers*
- Liang Laboratory—Emory University*
- Winship Cancer Center*
- Fernbank Museum of Natural History*
- Georgia Aquarium*
- Oxford Hospital—Tropical Diseases*
- Philadelphia Zoo*
- Population Biology and Infectious Disease, UGA
- Quest Diagnostics
- Savannah River Ecology Lab*

Campus & Community Involvement

Get involved during your undergraduate career, both on campus and in the local community:

Campus Involvement

- Bee Society
- Green Team
- Environmental RAs
- Scotties for Change

Community Engagement

- DeKalb Medical
- Fernbank Museum
- Oakhurst Community Garden
- SHIFA Clinic

Career Fields

- Biotechnology
- Ecology
- Education
- Genetics
- Medicine/Biomedicine
- Pharmaceutical Science
- Testing and Quality Control
- Science Advocacy & Policy

Learning Beyond the Classroom

Seek out opportunities to develop these skills and experiences:

Research and Analysis

- Experimental design
- Data collection and analysis
- Statistical proficiency and analysis software

Communication and Teamwork

- Writing and speaking skills
- Networking skills
- Presentation skills (PowerPoint)

Applied Knowledge and Skills

- Lab skills such as blot techniques, DNA isolation, PCR, tissue preparation, cell culturing, etc.
- Lab protocols and procedures

Entry - Level

Lab Technician
Science Writer
Veterinary Technician
Environmental Coordinator
Clinical Research Coordinator
Naturalist

Mid - Career *

Medical Lab Manager
Dietician/Nutritionist
Director of Development
Health Educator
Health Professional

Late - Career *

Medical Director
Professor
Executive Director Nonprofit
Veterinarian
Physician

** May Require Graduate Degree*

Alumnae in the Workplace

Atlanta Cancer Care
Clinical Research

Atlanta Center for Gastroenterology
Clinical Research

DeKalb Medical Center
Medical Professional

Emory University School of Medicine
Laboratory Services

Environmental Protection Agency
Life Sciences

Florida Fish/Wildlife Conservation
Legal Professional

Innovative Clinical Research Solutions
Clinical Research

Lexington Pharmaceuticals Inc.
Pharmaceutical Discovery

Lutheran Medical
Dental Professional

National AIDS Fund
Program Coordination

National Institutes of Health
Health Sciences

NeuroMatrix
Neurophysiology

Piedmont Hospital
Nursing

State of Georgia
Environmental Protection

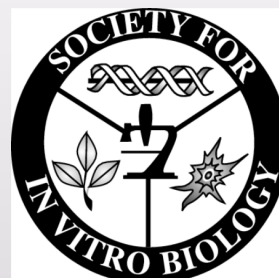
Univ. of Mississippi School of Medicine
Education

Keeping Up With the Trends

Build your career literacy and applied knowledge by following industry groups of interest. Join professional associations as a student member to attend events highlighting industry news and professional networking. Ideas include:



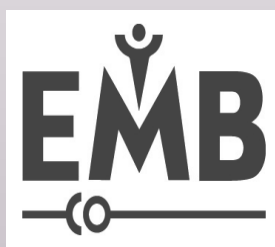
Society for
Conservation
Biology



Society for In Vitro
Biology



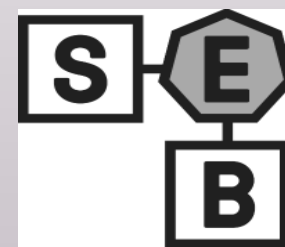
Ecology &
Evolutionary
Biology



Engineering in
Medicine and
Biology Society



National Science
Foundation



Society for
Experimental
Biology



The American
Society for Cell
Biology



Synthetic
Biology
Community