

BIOTECHNOLOGY RESEARCH AND DEVELOPMENT PATHWAY

TOP CAREER CHOICES

Biological Consultant

Biological or Medical Illustrator

Conservation Warden

Crime Lab Technician

Dental Hygienist

Dietician Nurse

Emergency Medical Technician

Field Biologist or Ecologist

Food and Drug Inspector

Forensic Service Technician

Human Resources Staff

Industrial Hygienist or Process Manager

Laboratory Technician

Licensed Practical Nurse

Meat and Poultry Food Inspector

Medical Assistant or Records Administrator

Medical Technologist

Medical Writer

Mortician

Museum Educational Staff Member

Museum Exhibit Designer

National or State Park Ranger

Nurse Anesthetist

Pediatric Nurse

Pest Control Specialist

Phlebotomist

Primary or Secondary Teacher

Prosthesis-Maker

Radiology Technician

Sales Representative

Science Journalism or Librarian

University Research Assistant

Waste Disposal Engineer

Water Quality Controller

Wildlife Management Specialist

Zoo Assistant

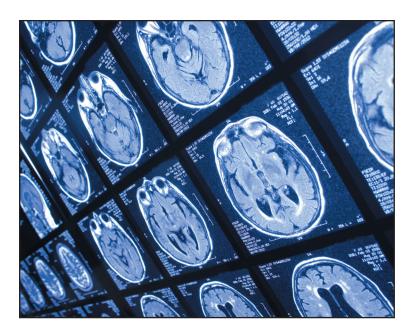
Zoologist



Source: GADOE Plans of Study

http://www.gadoe.org/Curriculum-Instruction-and-Assessment/CTAE/Pages/Georgia-Career-Pathways-New-Rule.aspx





The Biomedical Research and Development pathway provides an understanding of human medicine through topics such as physiology, genetics, microbiology and public health. Courses will provide an introduction to teamwork and communication practices, organizational, critical-thinking and problem-solving skills. Areas of instruction include an understanding of the processes, structures and interactions of the human body, as well as the prevention, diagnosis and treatment of disease.

PATHWAY COURSES

- Introduction to Healthcare Science
- Essentials of Biotechnology
- · Applications of Biotechnology

RECOMMENDED COURSES

- AP Chemistry or AP Biology
- AP Statistics
- Computer Science Courses
- Honors or Pre-AP Biology

POST-SECONDARY DEGREES, DIPLOMAS, AND CERTIFICATES

TECHNICAL COLLEGES

- Associates of Science in Nursing
- Biochemistry
- Biomedical Sciences
- Biotechnology
- Dental Hygiene
- Epidemiology
- Health and Administration
- Healthcare fields (Pre-nursing, pre-vet, pre-med)
- · Physical Therapy Assistant
- Public Health
- Radiologic Technology
- Surgical Technology

COLLEGES/UNIVERSITIES

• See www.GAcollege411.org for additional information.

CAREER AND TECHNICAL STUDENT ORGANIZATIONS









Lambert High School

