### Department of Biology
**ROANOKE COLLEGE**
**Career Advising Guide**

<table>
<thead>
<tr>
<th>MAJORS</th>
<th>SKILLS/ATTRIBUTES</th>
<th>*RELATED OCCUPATIONS</th>
<th>EXTRACURRICULAR ACTIVITIES AT RC</th>
<th>ADDITIONAL SOURCES OF INFORMATION</th>
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| Biology B.A. | Students who successfully complete the degree requirements of the Roanoke College Biology Department should possess: 1. A sound, broad intellectual foundation. 2. The knowledge of and ability to use basic experimental methodology. 3. The ability to express her- or himself in both written and oral form. 4. Develop self-reliance and independence but be able to work collaboratively.  
ability to: concentrate make critical observations & decisions organize & maintain accurate records conduct & clearly explain scientific research operate scientific equipment desire for preciseness desire for helping mankind | Chiropractor  
College University Professor  
Dentist  
Dietician/Food Technologist  
Educator (K-12)  
Environmental Scientist  
Farmer  
Forensic Scientist*  
Forester  
Genetic Counselor  
Health Care Administrator  
Medical Illustrator*  
Medical Lab Technician  
Museum Curator/Technician  
Occupational or Physical Therapist*  
Optometrist*  
Perfusion Technologist  
Physician*  
Physician’s Assistant  
Radiological Technician  
Registered Nurse*  
Sales-Pharmaceutical/Medical Equipment*  
Science Writer  
Veterinarian* | Beta Beta Beta  
Biological Honor Society  
The Mendel Honor Society  
The Darwin Honor Society  
Biology Club | American Institute of Biological Sciences  
730 11th St., NW  
Washington, DC 20001  

*Opportunities in Biological Sciences*  
Winter, Charles A.  
Lincolnwood, IL: National Textbook, 1985  

*Job Choices: 1996 in Science and Engineering*  
National Association of Colleges & Employers  
Bethlehem, PA, 1995 (available in LS 311 and in Career Services) |

Biology is the study of life. It includes the study of how organisms are structured as well as how they function and relate to each other. Among the major branches of biology are human anatomy and physiology; botany (the study of plants); microbiology (the study of microscopic organisms); zoology (the study of animals); and ecology (the study of the relationship between organisms and the environment). Interested students may elect to concentrate in one or more of the subdivisions associated with the major biological branches.  

*Entering salary: Varies by position*  
*A Bachelor’s or Master’s or doctoral degree in biology would be useful in pursuing these occupations.*
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**Entering Salary:** Varies by position

*A Bachelor’s or Master’s or doctoral degree in biology would be useful in pursuing these occupations.*