College of Arts and Sciences
Department of Biology
Career Advising Guide

Major	Skills/Attributes Associated	*Related Occupations	Related Extracurricular Activities at SU	Additional Sources of Information
Biology B.S. includes: Health Professions and Ecology & Environmental Biology Biology B.S. (with secondary education certification or environmental education certification)	good vision & manual dexterity creativity and patience spirit for scientific inquiry likes challenges, questioning, analyzing, problem solving, and intellectual growth proficiency in reading, writing, thinking, speaking, for accuracy details & memorizing *ability to:* concentrate make critical observations & decisions organize & maintain accurate records conduct & clearly explain scientific research operate scientific equipment *desire to:* be precise and accurate help mankind	Administrator/Manager Botanist Business Executive Chiropractor or Physician Coroner or Mortician Dentist/Orthodontist Dietician/Food Technologist Ecologist/Forester Educator Farmer or Florist Geneticist Medical Illustrator Medical Lab Technician Occupational, Respiratory, or Physical Therapist Optometrist, Podiatrist Pathologist Physical Assistant Physician Assistant Public Health Director Registered Nurse Sales-Pharmaceutical Taxonomist Veterinarian Zoologist	Biology Club x 1589 Medical Technologist Club x1433 Outing Club x1262 Heath Sciences Club x1433 SU Education Assoc. x 1593 Beta Beta Beta Biological Honor Society X1492	American Institute of Biological Sciences 730 11th St. N.W. Washington D.C. 20001 *Opportunities in Biological Sciences* Winter, Charles A. Lincolnwood, IL: National Textbook, 1985 Dr. Greg Paulson x 1401 Franklin Science Center 142 Dr. David Long Health Professions Advisor x1433 Franklin Science Center 154

Biology is the study of life from the simplest forms of plant and animals to the highly complex structure of the human being. It includes the study of how organisms are structured as well as how well 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 Master's degree or doctorate may be required to pursue some of these occupations.

Division of Undeclared Majors
Shippensburg University
Partially adapted from: Phifer, Paul. (1993). College Majors and Careers: A Resource Guide for Effective Life Planning. Garrett Park, MD: Garrett Park Press.