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
Biotechnology/Medical Technology B.S.	high proficiency for accurate details good vision & manual dexterity analytical and alert spirit for scientific inquiry achievement oriented proficient in reading & memorization responsible *ability to :* conduct and clearly explain scientific research concentrate for long periods of time	Biotechnologist Business Executive CytogeneticTechnologist Cytotechnologist Educator Health Care Administrator Medical Technologist Microbiologist Nuclear Medical Technologist Researcher Sales Representative Technical Writer	Medical Technology Club x1433 Biology Club x1589 Chemistry Club x1416 Health Sciences Club x1433	American Society for Medical Technology 2021 L. Street, N.W., Suite 400 Washington D.C. 20036 American Medical Technologists 710 Higgens Rd. Park Ridge, IL 60068 For Medical Technology: Dr. David Long x 1433 Franklin Science Center 154 For Biotechnology: Dr. Bill Patrie x1400 Franklin Science Center 152 Dr. Cindy Elliott x1504 Franklin Science Center 233

Medical technologists perform laboratory tests that play a crucial role in the detection, diagnosis, and treatment of diseases. Using microscopes, a variety of chemicals, complex precision instruments and computers, they carry out serology, parasitology, toxicology, cytology, histology, bacteriology, urinalysis, environmental chemistry, hematology, blood typing, general chemistry, immunochemistry, nuclear medicine, and other tests that tell physicians and patients much about the nature and progress of health conditions.

Entering Salary: Medical Technologist ($27,000 - $31,000); Sales Representative ($16,000 - $32,500); Technical Writer ($24,500 average). * A Bachelor's or Master's degree in biology would be useful in pursuing these occupations.

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