

College of Arts and Sciences
Department of Mathematics
Career Advising Guide

Major	Skills/Attributes Associated	Related Occupations	Related Extracurricular Activities at SU	Additional Sources of Information
Mathematics B.A. Mathematics B.S. Applied Mathematics Computer Science Secondary Education Statistics	quantitative skills problem solver inquisitive imaginative desire to find solutions logical thinker ability to understand concrete and abstract math concepts critical observation skills conduct and clearly explain scientific research appreciates order of nature	Actuary Analyst Bank Officer Economist Computer Programmer Financial Planner Business Executive Engineer Astronomer Stockbroker Scientist Mathematician Statistician Systems Analyst Secondary Teacher Professor Operations Research Analyst	Math Club x1431 Kappa Mu Epsilon x1431 ACM x1431 Programming Team x1431 Tutoring Supplemental Instructor Research Projects Conference and Seminars	Mathematical Association of America www.maa.org American Statistical Association www.amstat.org Society of Actuaries www.soa.org Pennsylvania Council of Teachers of Mathematics www.pctm.org Dr. Winston Crawley x 1431 Mathematics & Computing Technologies Building 250 www.ship.edu/~mathcs

Mathematics is the study of quantitative, symbolic and logical relationships and their application to problems in allied fields and the real world. A bachelor's degree in mathematics focuses on a broad foundation in concepts, an appreciation of the relevant theory, and a working knowledge of applications of the subject. Those who complete this program will have developed their skills in quantitative reasoning, logical deduction, problem solving and technical communication.

Entering Salary: \$25,000-\$40,000

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.