

MATHEMATICS

WHAT IS MATHEMATICS?

Do you like solving puzzles and problems? Did you ace your mathematics classes in high school? Are you intrigued by how technology computes various mathematical measures? Develop your problem-solving skills with a degree program directed by the Department of Mathematics. Learn how the principles of the various fields in Mathematics work together to help you create innovative solutions to varied riddles. While you earn your degree at FHSU, you will apply mathematics to a variety of issues, from data collection to mathematical theory.

RELATED CAREER TITLES

Actuary	Data Control Administrator	Mathematics Editor	Quality Assurance Analyst
Analytical Statistician/Engineer	Education Mathematic Specialist	Mathematics Teacher	Rate Analyst
College Professor	Environmental Statistician	Numerical Analyst/Operations Analyst	Risk Analyst
Cost Estimator/Analyst	Financial Analyst	Professor	Statistical Clerk
Credit Analyst	Investment Analyst	Public Health Statistician	Systems Analyst
Cryptographer/Cryptologist	Mathematical Statistician	Public/Private School Teacher	Theoretical Statistician/Fluid Dynamics Analyst
Data Analyst	Mathematician		

TRANSFERABLE SKILLS

Concentrates for long periods of time	Makes sound judgments & decisions to solve quantitative problems	Possesses proficiency for accurate detail
Conducts & clearly explains scientific research	Mathematical modeling and statistician simulation	Problem solving at various levels of ability
Identifies the mathematical essence of a "real" problem	Organization and interpretation of data	Programming and computing
Makes critical observations	Organizes, analyses & interprets numerical data	Writes, speaks & memorizes proficiently

Attainment and demonstration of [NACE Career Readiness Competencies](#) help prepare for a successful transition into the workplace.

CONTACT FOR INFORMATION INTERVIEWS

Department of Mathematics - Rarick Hall 356 - 785.628.4240

RELATED CAREER EXPLORATION LINKS

Career Services: <https://www.fhsu.edu/career/>

Occupational Outlook Handbook: <http://www.bls.gov/ooh/>