WHAT CAN I DO WITH A MAJOR IN
MATHEMATICS

CAREER OPTIONS

Actuary
Computer Systems Analyst
Cryptanalyst
Data Mining Analyst
Data Scientist
High School Teacher*
Mathematician*
Operations Research Analyst
Professor*
Quantitative Financial Market Analyst
Research Assistant
Statistician*
Technical Consultant
Underwriter*

*Advanced Degree or Certification Required

TRANSFERABLE SKILLS GAINED

Critical-thinking
Mathematical skills
Problem-solving and reasoning
Computer skills
Detail-oriented
Data analysis

EMPLOYMENT AREAS

Corporations
Aerospace Manufacturers
Computer Science
Government
Insurance Agencies
Financial Services
Engineering Firms
Universities/Colleges
Public/Private Schools
Communication Services
Transportation Services

INFORMATION WEBSITES

UNO Department of Mathematics
Mathematical Association of America
American Academy of Actuaries
American Mathematical Society
American Statistical Association
WeUseMath.org
Society for Industrial and Applied Math
unomaha.edu/math
mathcareers.maa.org
actuary.org
ams.org
amstat.org
weusemath.org
siam.org

EXTRACURRICULAR ACTIVITIES

Actively participate in Math Club and Nebraska Gamma Chapter Pi Mu Epsilon
Develop computer skills and knowledge of business operations and economics
Consider minoring in Computer Science or learning programming languages