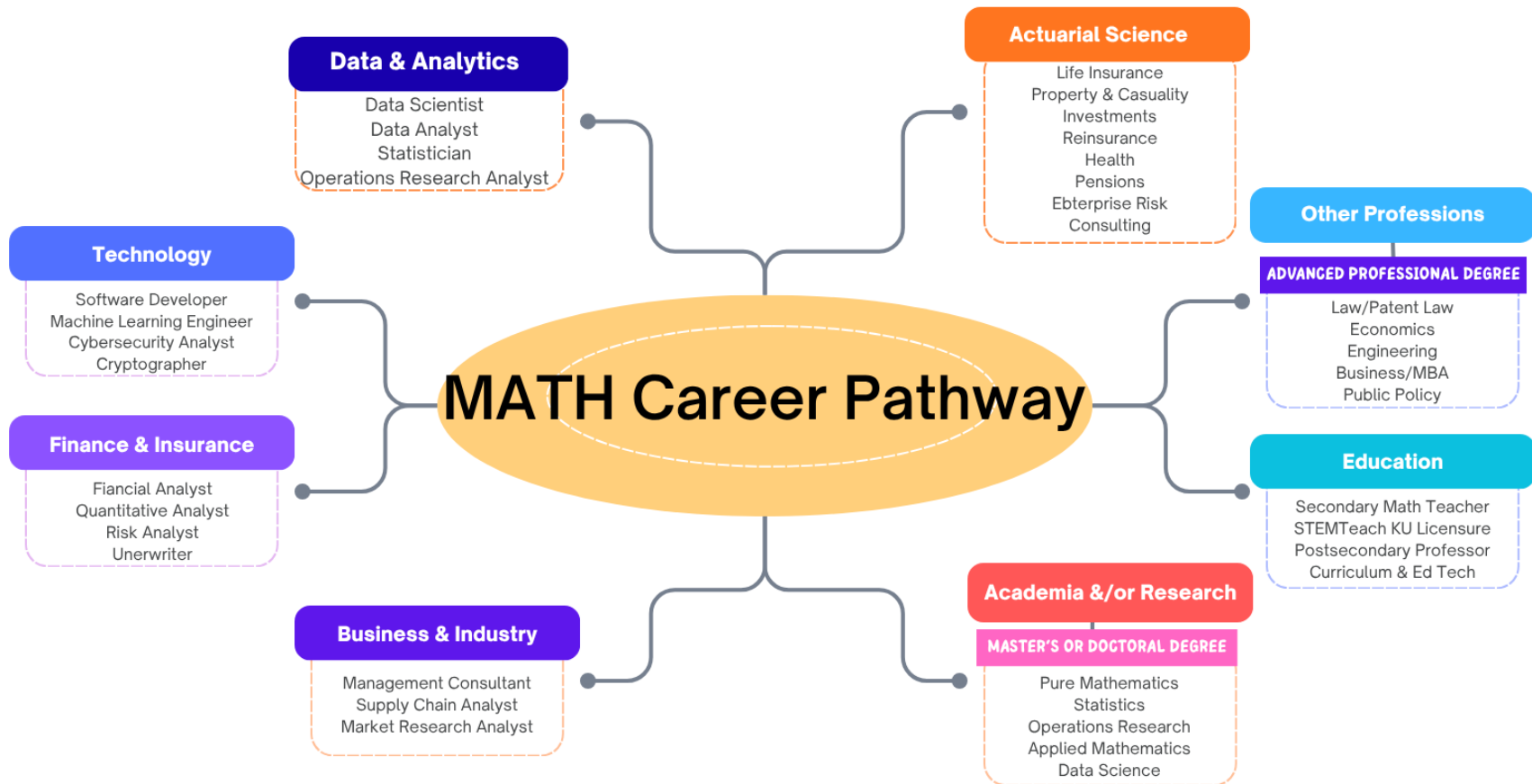




DIRECT-TO-WORKFORCE WITH A B.S. MATHEMATICS
 SHARPEN YOUR EDGE WITH ELECTIVES, A MINOR,
 INTERNSHIPS, PROGRAMMING SKILLS, AND PROJECTS
 DURING UNDERGRAD.

ADDITIONAL EDUCATION TO BUILD ON A B.S. IN MATHEMATICS
 MANY PATHS NEED SPECIFIC PREREQUISITE COURSES,
 EXAMS, OR RESEARCH — PLAN AHEAD WITH YOUR
 ADVISOR.



Mathematics BA/BS

Career Pathways + Internship Opportunities



Internships & Opportunities to Gain Experience

Associate Data Scientist Intern — Spectrum (Telecommunications)
Finance Systems Intern — Black & Veatch (Engineering & Infrastructure)
Analyst Intern — Federal Reserve Bank of Kansas City (Banking/Economics)
Model Risk Management Summer Intern — FHLBank Topeka (Financial Services)
Business Intelligence Intern — Blue Cross and Blue Shield of Kansas (Healthcare Insurance)
GIS Intern — City of Lawrence, Kansas (Government)
Financial Advisor Intern — Edward Jones (Wealth Management)
Application Developer Intern — Myers and Stauffer (Healthcare Consulting)
Aerospace/Aeronautical Engineering Intern — Honeywell (Aerospace & Manufacturing)
AI Engineering Intern — TreviPay (Fintech)
Data Impact Intern — AltCap (Community Development Finance)
Research Analyst Intern — Econic Partners (Economic Consulting)
Process Engineering Intern — Entegris (Semiconductor Materials)
Data Science Intern — ADP (Human Capital Management / HR Tech)
Software Engineering Intern — Patreon (Technology / Creator Economy)
Business Intelligence Intern — Divergent (Business Consulting)
Environmental Programs Intern — Golf Course Superintendents Association of America (Nonprofit / Environmental)
Actuarial Intern — Mutual of Omaha (Insurance)
Software Engineer — First Mile Group / Alloy (Technology)

Where Can I Go?

MATHEMATICAL SCIENCE / RESEARCH

- Federal Departments (NSA, DOD, NASA, NOAA, DOE, Social Security)
- Government laboratories
- Scientific research and development organizations

EDUCATION

- Public and private K-12 Schools
- Universities and colleges

TECHNOLOGY

- Computer services companies
- Software publishers
- Technology consulting firms
- Telecommunications companies

INSURANCE

- Insurance carriers, agencies, and brokers
- Actuarial consulting firms
- Government agencies
- Educational institutions

BANKING & FINANCE

- Federal Reserve and Federal Deposit Insurance Corporation (FDIC)
- Office of the Comptroller of the Currency (OCC)
- Commercial and mortgage banks
- Brokerage firms

ENGINEERING & MANUFACTURING

- Electronics, computer, and aerospace manufacturers
- Transportation equipment manufacturers
- Chemical companies

HEALTHCARE & LIFE SCIENCES

- Healthcare organizations
- Pharmaceutical companies
- Hospitals

BUSINESS / SALES / OPERATIONS

- Retailers and wholesalers
- Manufacturers

NONPROFIT & PROFESSIONAL ORGANIZATIONS

- American Institute of Mathematics
- Mathematical Association of America
- American Mathematical Society

Alumni Paths

Staff Software Engineer, Garmin
Executive Director—Client Support Services, Johnson County Community College
Software Architect, WellSky
Senior Data Scientist, T-Mobile
VP of Marketing & Sales, Ecspec Aire
Financial Analyst, Lockton Companies
Senior Manager, Carnegie Learning
Senior MES Developer, The Boston Beer Company
Director of Product & Client Solutions, UnitedHealth Group
Marketing Program Manager for PC Game Pass, Hanson Consulting Group
IT Analyst, University of Kansas
Sr. Business Development Manager, Heartland Logistics Group
Sr. Research Data Engineer, University of Kansas
Financial Advisor, Adaptive Advisory
Sr Manager of Software Engineering, FIS
Sr. Application Developer, Evergy
Sr. Financial Analyst, Columbia Capital Management
Manager Data Science, H&R Block
Data Analyst-Supply Chain, University of Kansas Health System
Supply Chain Manager, Interstates
Post Doctoral Research Fellow—Cancer Biostatistics, University of Michigan School of Public Health
Research Director, KNG Health Consulting
Software Engineer—Machine Learning, OM1
Senior Decision Science Analyst, USAA
Professor of Mathematics Education, Eastern Michigan University

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