

What you can do with your **MATHEMATICS MAJOR**



Mathematical Reasoning

You learn to recognize different types of problems as instances of a general rule or principle; construct logical arguments, identify illogical reasoning, apply deductive and inductive reasoning strategies.



Technical Communication

You understand media containing applied and/or abstract mathematics, communicating technical material to both experts and non-experts.



Complex Problem Solving

You use mathematical reasoning to identify, formulate and solve problems and implement solutions, decomposing problems into simpler components, construct creative approaches.



Teamwork

You work collaboratively with others, both mathematicians and those from other disciplines, to achieve common goals, negotiate and manage conflict.



Critical Thinking

You use logic and reasoning to identify the strengths and weaknesses of alternative solutions, conclusions or approaches to problems.

Supplement Your Skills With:



Experience Fostering Professional Equity & Inclusion



Student Organizations



Computer programming & data analysis



Gain Experience: Research, Internships & Part-Time Work



Career & Self Development



Exploring relationships between Math & other disciplines

Chart Your Path Forward

Activate Your Handshake Account

for connections to jobs, internships, employer & alumni networking.

Explore Career Communities

to discover a wide variety of fields where you can turn your major into success.

Get Career & Internship Advising

from SuccessWorks to make a plan, whether you're a first-year student or about to graduate.

Get Started: successworks.wisc.edu

Put your Mathematics major to **WORK**

Common Job Titles of Alumni:

- Actuarial Analyst/Actuary
- Business Insight & Analytics Manager
- Business Owner
- Chief Executive Officer/Business Administrator
- Consultant
- Data Analyst
- Data Scientist/Data Engineer
- Software Engineer/Developer
- Partner
- President/Vice President
- Principal
- Product Manager
- Professor
- Teacher



Common Employers of Alumni:

- Accenture
- Amazon
- American Family Insurance
- Boeing
- Capital One
- Deloitte
- Epic
- EY
- Facebook
- Google
- Humana
- IBM
- Lockheed Martin
- Marsh & McLennan Companies
- Mercer
- Milliman
- TruStage
- US Bank
- Willis Towers Watson
- Zendesk

Recent Grads' Career Plans:

- 51%** Continuing Education or Grad School
- 47%** Employment
- 1%** Military Service
- 1%** Volunteer or Service Programs

Recent Grads' Employment Sector:

1. Information Tech
2. Finance
3. Insurance
4. Education
5. Consulting
6. Life Sciences
7. Defense & Space
8. Healthcare
9. Hospitality
10. Arts & Entertainment

Where Alumni Live & Work:

- 37%** Wisconsin →
- 9%** California →
- 8%** Illinois →
- 7%** New York →
- 5%** Minnesota →
- 44%** Other →



"While I use my problem solving and analytical skills daily, my Math background also helps me see things strategically. I'm able to peel apart numerous layers of a problem or play chess with an idea to see if it holds merit. My ability to serve as a strategic consultant relies on these skills which are built on my math background."

Jennifer LaMontagne, 1994
Strategy & Operations Leader, Global Innovation, EY
Madison, WI



"One of the most important skills I learned from my major was learning how to learn quickly. Encountering many new and difficult topics in my courses served as great training in learning new things quickly and being able to put them in to practice."

Cameron Cole, 2020
Software Engineer, Target
Greater Minneapolis-St. Paul Area, MN

Career Communities for Mathematics Majors

SuccessWorks has eight Career Communities to connect you with career advising, resources, and programs. Here are a few suggestions on where Mathematics majors can start.

- Technology, Data & Analytics
- Consulting, Finance, Management & Client Relations
- Non-Profit Management & Education
- Scientific Research & Development

Not inspired by these options? Visit SuccessWorks to explore more widely.

successworks.wisc.edu