



What Can I Do With a Major in **MATHEMATICS?**

Below is a list of job titles, employers and graduate schools that Harvey Mudd College mathematics alumni have chosen in the last five years.

Job Titles

Analyst
Consultant
Data Engineer
Mathematician
Research Associate
Program Coordinator
Programmer
Research Analyst
Software Engineer
Solutions Engineer
Technical Services Engineer
Trade Developer
Trader

Starting Salary Summary

High Salary Range
\$100,000 – 109,999
Low Salary Range
\$75,000 – 79,999
Median Salary Range
\$87,500 – 92,500

Summer Employers

Citadel
Facebook
Intuit
Kent State (HMC-Macalester REU)
LA Clippers
Microsoft
Northwestern University
(Astrophysics research)
PricewaterhouseCoopers
TD Securities
UCLA (Applied Math REU)*
University of Montana (Cryptography
REU)*
Yelp

**companies that hired for
first-year students*

Employers

Acumen LLC
Allston Trading
Argus
Art of Problem Solving
Brattle Group
Deallus Consulting
EdTech
Epic
Google
Harvey Mudd College
IMC Financial Markets
Laserfiche
Massachusetts General Hospital Institute for
Technology Assessment
Microsoft Corporation
Morgan Stanley
NASA Ames Research Center
National Security Agency
Opera Solutions
Pacific Northwest National Laboratory
Peace Corps (Volunteer)
PredPol Inc.
Quantcast
Reasoning Mind
Teach for America
UberMedia
Yelp

Average Summer Wages

First-year
\$18/hour
Sophomore
\$26.50/hour
Junior
\$33/hour

Graduate Schools

Brown University
Cambridge University
Carnegie Mellon University
Claremont Graduate University
Cornell University
Duke University
Emory University
Harvard University
Massachusetts Institute of Technology
New York University
Northeastern University
Northwestern University
Oregon State University
Stanford University School of Education
The College of William and Mary
University of California, Berkeley
University of California, Davis School of Veterinary
Medicine
University of California, Irvine
University of California, Los Angeles
University of California, San Diego
University of California, Santa Barbara
University of California, Santa Cruz
University of Washington
University of Illinois
University of Massachusetts, Amherst
University of Michigan
University of Minnesota
University of Oregon
University of Southern California
University of Texas at Austin
Vanderbilt University
Washington State University
Yale



Student Affairs
Office of Career Services

Here are just a few areas that may interest a mathematics major.

Area	Employers
INDUSTRY Research and development Design Data processing Testing Operations Quality control Statistical processing control Environmental analysis Consulting	Manufacturing Transportation Aerospace Communications Machinery Electrical equipment Pharmaceuticals Consulting firms
MARKET RESEARCH Data collection Information analysis	Market research firms Consumer goods manufacturing firms
BANKING Branch management Credit lending Operations Systems Trusts	Commercial banks Regional banks Savings and loan associations Credit unions

What You Can Do Now

- Gain experience through volunteering, internships and part-time or summer jobs.
- Develop good oral and written communication skills.
- Supplement curriculum with courses in business, economics, computers or statistics for increased job opportunities.
- Build relationships with faculty by conducting research.
- Develop the ability to work well in teams.
- Talk to professionals in areas of interest to enhance knowledge and make contacts.
- Join related student professional associations and seek leadership positions.

What You Can Do After Graduation

- An undergraduate degree is often sufficient for entry-level positions, but an advanced degree may open the door to more upper-level opportunities. Pair a strong background in mathematics with another technical discipline such as computer science or engineering.
- A master's degree in math, business or related fields will be helpful for advanced positions or for consulting jobs.
- A PhD is needed for academic positions and certain areas of research.