

LIVING THE LIBERAL ARTS

What Can I Do With a Major In Mathematics?

SKIDMORE

CAREER
DEVELOPMENT
CENTER

Where Do Mathematics Majors Work & Study?

Now – Within 6 Months of Graduation

Accenture

Associate Technology
Consultant

Barclays

Analyst

Bloomberg

Contract Grants
Administrator

Blue Hills Bank

Associate Credit Analyst

Boston College

MAT Secondary Math
Education

**Brigham and Women's
Hospital**

Technical Research
Assistant

Brown University

MS Biostatistics

Columbia University

MA Mathematics of Finance

Dartmouth College

BE Electrical Engineering

Fannie Mae

Financial Engineer

Fidelity Investments

Municipal Finance Associate

FPT Software

Software Engineer

Goldman Sachs

Analyst

IBM

Application Developer

Indiana University

Ph.D. Mathematics

Liberty Mutual

Analyst Development
Program

M&T Bank

Management Development
Program

**New York City Department of
Education**

Math Teacher

**New York City Teaching
Fellows**

Fellow

Palo Alto Medical

Foundation's Innovation
Center

Data Analysis

QuintilesIMS

Data Analytics Analyst

Risk Management Solutions

Graduate Risk Modeller

Schrodinger Inc.

Software Engineer, Backend

Sovos

Release Engineer

The Ohio State University

Ph.D. Mathematics

The Sports Quotient

Statistician

University at Albany

MS Biostatistics

**University of California,
Irvine**

Ph.D. Mathematics

Wake Forest University

MS Accounting

If You Like These Outcomes, Consider These Career Communities:

Business & Finance

Social Impact & Education

Later – Up to 25 Years After Graduation

Amazon
Data Engineer

Arthrex
Marketing Performance &
Operations

**Bank Street College of
Education**
MS Leadership in
Mathematics Education

**BPAS Healthcare Consulting
Services**
Senior Analyst

City of Boulder
GIS Technician

College of Central Florida
BSN Nursing

**Columbia University
Teachers College**
MA Higher Education

Cornell University
MBA Marketing, Finance

**Deloitte & Touche
Foundation**
Human Capital Consultant

**Federal Reserve Bank of
New York**
Deputy Chief Dealer

Fitch Ratings
Associate Director

Ford Motor Company
Mechanical Engineer

Google Inc.
Software Engineer

Harbridge Consulting Group
Actuarial Consultant

IBM
Senior Associate
Programmer

**International Pacific
Research Center**
Post-Doctoral Fellowship

isee systems inc.
Co-President

**Jewish Board of Family &
Children's Services**
Data Analyst

Kindred at Home
RN/Hospice Clinical Liaison

Lehigh University
MS Accounting

Liberty Mutual Insurance
Assistant Actuary - CI
Analytical Visioning

MetLife
Senior Process Analyst

Microsoft Corporation
Software Engineer II

MIT
Ph.D. Oceanography,
Chemical and Physical

New York University
MS Mathematics in Finance

NYC Dept. of Education
Assistant Principal

**OneBeacon Insurance
Group**
Actuarial Manager

Oracle Corporation
Principal Engineer

Pitney-Bowes, Inc.
Senior Accountant

Princeton Consultant
Senior Consultant

Proto Labs
Vice President Global
Product Management and E-
Commerce

RPI
M.Eng Industrial and
Management Engineering

RPI
Ph.D. Cognitive and Neural
Systems

SoHo Experiential, LLC
Partner

State Street Bank
Software Developer

**The Hanover Insurance
Group**
Actuary

**The Johns Hopkins
University**
MS Ed. School
Administration & Supervision

The Madeira School
Upper School Math Teacher

**The University of Texas at
Austin**
MBA Business

University at Albany
MS Biostatistics

University of Vermont
Ph.D. Computer Science and
Complex Systems

Internships Completed by Mathematics Majors

Bank of China
Dana-Farber Cancer Institute
Emory University
Everbank/TIAA
GE
New York State Baseball Hall of Fame

Patrivalor Korea International Trade Association
Saratoga Economics Development Corporation
ThinkThrough Consulting
Travelers Insurance
US Small Business Administration

In Their Own Words:

My advice for Skidmore students pursuing statistics/data analysis is to choose an additional major or minor that uses statistics and is of interest to them. I do not consider statistics to be a “standalone” major. When interviewing for a job, employers want to know why an interviewee is passionate about their company.

Another way to accomplish this instead of double majoring is to do some internships, projects or research in a field of interest. In my case, I was really passionate about public health. Although Skidmore does not have a public health major or minor, I went to the University at Albany School of Public Health to broaden my public health knowledge while pursue an MS in biostatistics.

Also, I was a graduate assistant at the New York State Department of Health for an entire year, an experience that taught me a great deal about public health issues in New York State and gave me the opportunity to apply what I had learned in the various projects I was involved in.

Mohammed Almashhadani, 2015

Take as many math, computer science, business, or economics classes as you can, but try to enjoy college. Being an actuary is a lot of work. While you don't have to attend graduate school, you must take rigorous exams for many years to attain your designation. If you are serious about a career in actuarial science, take at least one actuarial exam before you apply for a job or internship (but two is preferable for many companies).

Aimee Fried-Hardy, 2014