

## What can you do with a Mathematics degree?



- If you need help understanding more about your personality, skills, or interests and how they relate to career, try the activities on this website:

<http://www.losmedanos.edu/studentservices/career/reflect.asp>



### Mathematics/Computational Science

- Theoretical Researcher
- Scientific Researcher and Developer
- Consultant
- Nonprofit/Government Researcher
- Applied Researcher
  - Specialties Include: Modeling and Simulation, Numerical Methods and Analysis, Statistics and Probability, Engineering Analysis, Differential Equations, Operations Research, Discrete Mathematics
  - Functional Areas Include: Accounting and Finance, Computer Programming, Computer Systems, Analysis Operations, Sales and Marketing Management, Actuarial Science, Engineering, Analysis and Control of Processes, Optimization and Scheduling of Resources

### Education

- Math Teacher
- Researcher
- Higher Education Administrator
- Math Professor

### Computers

- Programmer
- Systems Developer
- Systems Analyst
- Software Developer
- Network Administrator
- Web Administrator
- Technical Support Specialist

### Insurance

- Actuary
- Risk Manager/Assessment Specialist
- Loss Manager/Control Specialist
- Underwriter
- Sales Agent
- Claims Representative

### Banking and Finance

- Corporate and Consumer Credit Analyst
- Commercial Lender/ Micro-lender
- Trust Manager
- Capital Services and Mergers and Acquisitions Specialist
- Mortgage Broker/Agent
- Branch Manager
- Operations Specialist
- Risk Management Specialist
- Banker

- Financial Analyst
- Financial Planner
- Private/Investment Banker
- Investment Banking Sales Agent/Trader
- Data Analyst
- Buyer
- Purchasing Agent
- Credit Analyst/Credit Counselor

### Accounting

- Public/Certified Public Accountant
- Auditor
- Budget Analyst
- Appraiser
- Assessor
- Tax Preparer
- Controller
- Bookkeeper

### Sales/Retail

- Retail Manager
- Customer Service Specialist
- Loss Prevention Specialist
- Wholesale and Retail Buyers
- Merchandiser
- Market and Consumer Researcher
- Broker
- Sales Agent

### Management and Administration

- Manager
- Operations Research Analyst
- Logistician
- Compensation/Benefits Manager or Specialist



### Network and Connect:

LinkedIn – <http://www.linkedin.com>– start exploring and connecting!

<http://www.weddles.com/associations/>- Weddles- directory of some of the major professional associations listed by industry

<http://www.siam.org/careers/> - Society for Industrial and Applied Mathematics

<http://www.ams.org/home/page> - American Mathematical Society

<http://www.nctm.org/> - National Council of Teachers in Mathematics

<http://www.maa.org/> - Mathematical Association of America

<http://www.aicpa.org/BecomeACPA/Pages/BecomeaCPA.aspx> - American Institute of Certified Public Accountants

<http://www.afponline.org/> - Association for Financial Professionals




<http://www.pianet.org/> - National Association of Professional Insurance Agents

**More ideas:** Local Government, Small Businesses, Local Schools, Chamber of Commerce or Corporations in your area

**Create Your Own Opportunity:** Use Google Maps to identify organizations around you. Call them up, introduce yourself, tell them about your activities and skills and tell them how you would like to contribute to their company.

**Join Campus Organizations:** <http://www.losmedanos.edu/student-services/clubs/default.asp>- Gain leadership experience

Los Medanos College, Student Services Center, 4<sup>th</sup> floor, 925-473-7444

 @LMC\_OnYourWay  lmctransfer\_career  LMC Transfer and Career Services

Transfer & Career weekly email: events, key info, university rep visits, tours, and jobs/internships. Everything you need in one place!!!! Sign up here: <http://www.losmedanos.edu/transfer/about.asp>