



What Can I Do With a Major In..... Mathematics



Potential Employment Areas and Examples

Aerospace:	Jet Propulsion Labs, Aerojet
Manufacturing:	Ricon Corp, Chevron Corp
Consulting Firms:	J.H. Cohn, RLR Consulting
Insurance Firms:	Farmers, Fireman's Fund
Banks:	Chase, Bank of America
Transportation:	CA Dept. of Transportation
Pharmaceuticals:	Amgen, Baxter Healthcare
Federal Agencies:	IRS, FBI, Air force, Army
Education:	High Schools, Colleges
Brokerage Firms:	Smith Barney, Merrill Lynch
Software:	Condesa, Myriax

Possible Job Titles

Actuary	Engineer
Professor	Financial Analyst
Engineer	Statistical Analyst
Computer Programmer	
Operations Researcher	

Local Schools and Degree Offerings

CSUCI:	B.S. Mathematics
CSUN:	B.A. & B.S. Mathematics
CSULA:	B.A. & B.S. Mathematics
UCLA:	Several Math Related Degrees
UCI:	B.S. Mathematics
UCSD:	Several Math Related Degrees

Additional Info can be found at:

- **Comprehensive Occupational Information:** online.onetcenter.org
- **Pierce College Career Center Website** www.piercecollege.edu/offices/career_center
- **Pierce Math Department Website:** www.piercecollege.edu/departments/mathematics/
- **American Mathematical Society:** www.ams.org
- **Mathematics Career Info:** www.careercornerstone.org, choose Mathematics Option

This is general information. For specific information on majors and careers please see a counselor in the Career/Transfer center.

How This Major Helps You Move Forward:

Skills Learned in this Major that Employers Want:

- Ability to Perform Numerical and Vector Analysis
- Proficiency in Probability and Statistics
- Ability to Apply Mathematics to Solve Problems in Business, Engineering and Science
- Critical Thinking Skills
- Mathematical, Deductive and Inductive Reasoning Skills
- Ability to Analyze Data and Create Inferences

Related Transfer Majors:

- Accounting
- Chemistry
- Computer Engineering
- Economics
- Physics
- Information Technology

Graduate Degree Options:

- Mathematics MS
- Biostatistics MS
- Biomathematics MS
- Mathematics and Education Ph.D.
- Applies Science and Technology MS/Ph.D.

Graduate Exam Prep

MCAT GRE
LSAT GMAT