

OCCUPATIONAL TITLES

- Actuary
- Accountant
- Researcher
- Investment Analyst
- Benefits Specialist
- Statistician
- Financial Planner
- Demographer
- Computer Scientist
- Cartographer
- Computer Programmer
- Meteorologist
- Navigator
- Data Base Manager
- Applications Programmer
- Systems Analyst
- Biomathematician
- Computer Applications Engineer
- Biomedical Engineer
- Control Systems Engineer
- Operations Researcher
- Numerical Analyst
- Operations Analyst
- Teaching Systems Engineer
- Teacher/Professor
- Engineering Analyst
- Financial Analyst
- Technical Writer
- Fluid Dynamics Analyst

EMPLOYMENT SETTINGS

- Accounting firms
- Banks
- Business corporations
- Colleges and schools
- Non-profit organizations
- Data processing and information systems
- Computer industry
- Insurance agencies
- Real estate
- Securities
- Manufacturing industries
- Educational institutions

TYPICAL WORK ACTIVITIES

- Using good reasoning ability and persistence to identify, analyze, and apply basic principles to technical problems
- Conducting research
- Communicating with others
- Collecting and organizing data
- Paying close attention to detail

SKILLS AND ABILITIES

- Identifying the mathematical essence of a problem
- Mathematical modeling and simulation
- Problem solving at various levels
- Organization and interpretation of data
- Analyzing
- Substantial knowledge of computer programming
- Programming and Computing
- Applying logic to problems

INTERNET SITES AND PROFESSIONAL ASSOCIATIONS

- Mathematical Association of America: www.maa.org
- American Mathematical Society: www.ams.org
- American Statistical Society: www.amstat.org
- Mathematical Societies: www.mathunion.org/math_soc
- Employment Opportunities in Mathematical Sciences: www.maa.org/pubs/employ.html

ON-CAMPUS CLUBS AND ORGANIZATIONS AT LMU

- Delta Epsilon Iota
- Society of Integral & Applied Mathematics