

What can I do with a major in...

Mathematical Sciences?

A major in mathematical sciences will prepare you for a variety of careers, whether you choose to become a statistician or apply your background in other work environments. The following list contains sample job titles of CMU graduates who majored in mathematical sciences. This list represents some, but certainly not all, of the careers you may consider.

Career Titles for a Mathematical Sciences Major:

- Actuary
- Computer Programmer
- Cryptographer
- Database Manager
- Demographer
- Economist
- Estate Planner
- Financial Analyst
- Market Research Analyst
- Mathematician
- Numerical Analyst
- Psychometrician
- Risk Analyst
- Statistician
- Systems Analyst
- Technical Writer
- Underwriter

Students obtaining employment immediately upon graduation usually are those with the best college records and a willingness to relocate for a job. Some of these jobs also require education beyond a bachelor's degree.

Professional Skills Acquired Through a Major in Mathematical Sciences

Many occupations in today's working world require college-educated individuals who can write and speak well, solve problems, learn new information quickly, and work well with a team. In addition to opening the door to numerous career possibilities in this field, a major in mathematical sciences will help you develop the fundamental skills that many employers in many other professions are seeking in their employees.

Skills and qualities acquired through a major in mathematical sciences may include:

- Accuracy
- Analytical and quantitative abilities
- Critical observation
- Curiosity and creativity
- Detail orientation
- Handling and organizing information
- Innovation
- Numerical computation
- Objectivity
- Oral and written communication
- Problem solving
- Scientific equipment operation
- Statistical application
- Teamwork
- Technical expertise
- Theoretical and practical orientation
- Working independently

For more information about mathematical sciences and other majors, please contact Career Services.

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Produced by CMU Public Relations and Marketing and printed by CMU Printing Services.
PRM 6407-200 (10/03)