ABOUT A DEGREE IN MATHEMATICS
Mathematics is the study of the measurement, properties, and relationships of quantities and sets, using numbers and symbols. It is a body of related courses concerned with knowledge of measurement, properties, and relations quantities, which can include theoretical or applied studies of arithmetic, algebra, geometry, trigonometry, statistics, and calculus. Mathematicians have an opportunity to make a lasting contribution to society by helping to solve problems in such diverse fields as medicine, management, economics, government, physics, and psychology.

RELATED SKILLS
Ability to make sound decisions
Solve quantitative problems
Concentrate for long periods of time
Proficiency for writing, speaking, and memorization
Understand both concrete and abstract mathematical concepts
Organize, analyze, and interpret numerical data
Make critical observations
Conduct and clearly explain scientific research
Frame inquiry and respond objectively
Analytical and logical thinking
Capacity for precision and detail
Appreciation for challenges

HIRING INSTITUTIONS
Banks, Savings/Commercial
Colleges and Schools
Engineering Firms
Manufacturing Industries
Investment Firms
Professional/Technical Journals
Research and Development Firms
Test Development Corporations
Business Corporations
Educational Institutions
Government Agencies
Insurance Companies
Market Research Departments
Publishing Companies
Utility Companies
Weather Bureaus

careerpaths
Accountant
Actuary
Aerospace Engineer
Air Traffic Controller
Airplane Pilot
Appraiser
Architect
Bank Officer
Cartographer
Chemist
Computer Programmer
Credit Manager
Economist
Financial Planner
Geologist
Hydrologist
Insurance Agent
Internal Revenue Agent
Market Research Analyst
Mathematician
Metallurgist
Meterologist
Statistician
Stockbroker
Systems Analyst
Teacher