Description:
Study in the field of mathematics offers an education with an emphasis on careful problem analysis, precision of thought and expression, and the mathematical skills needed for work in many other areas. Many important problems in government, private industry, health and environmental fields, and the academic world require sophisticated mathematical techniques for their solution. The study of mathematics provides specific analytical and quantitative tools, as well as general problem-solving skills, for dealing with these problems.

College of Science and Mathematics
Department Website: Department of Mathematical Sciences
http://math.georgiasouthern.edu/math/

Degree(s) Offered:
Bachelor of Science  Major: Mathematics
Bachelor of Science in Mathematics
Master of Science  Concentration: Mathematics & Statistics

Occupational Opportunities:
- Actuarial and Insurance
- Government
- Accountant
- Researcher
- Investment Analyst
- Mathematician
- Benefits Specialist
- Statistician
- Financial Planner
- Demographer
- Cartographer
- Computer & Information Sciences
- Computer Programmer
- Meteorologist
- Data Processor
- Navigator
- Data Base Manager
- Health
- Applications Programmer
- Ecologist
- Computer Systems Analyst
- Biomathematician
- Biomedical Engineer
- Computer Applications Engineer
- Control Systems Engineer
- Operations Research
- Numerical Analyst
- Operations Analyst
- Teaching/Professor
- Systems Engineer
- Business/Industry
- Engineering Analyst
- Financial Analyst
- Technical Writer

Georgia Southern University Career Services  Williams Center  (912) 478- 5197  www.georgiasouthern.edu/career/

Updated 1/13/2011
• Analytical Statistician
• Communications Engineer
• Theoretical Statistician
• Fluid Dynamics Analyst
• Science Technicians
• Cost Estimator
• Natural Science Manager

***For more detailed information regarding typical duties, salary, training, etc please look at the Occupational Outlook Handbook online at http://www.bls.gov/OCO/.

Possible Employment Settings:
• Accounting Firm
• Banks
• Business Corporations
• Colleges and Schools
• Educational Institutions
• Non-profit Organizations
• Data Processing and Information Systems
• Computer Industry
• Insurance Agencies
• Real Estate
• Securities
• Manufacturing Industries

Internet Resources:
• Mathematics http://stats.bls.gov/oco/ocos043.htm
• Actuaries http://stats.bls.gov/oco/ocos041.htm
• Actuary Jobs http://www.actuaryjobs.com/salary.html
• Statisticians http://stats.bls.gov/oco/ocos045.htm
• Math jobs http://www.ams.org/employment/
• Jobs in Mathematics http://www.phds.org
• Entry-Level Employment http://www.franklincollege.edu/pwp/callond/jobs/

Professional Organizations:
• American Mathematical Society http://www.ams.org
• Mathematical Association of America http://www.maa.org
• Society for Industrial and Applied Mathematics http://www.siam.org
• Association for Women in Mathematics http://www.awm-math.org
• American Statistical Society www.amstat.org
• Institute for Operations Research & the Management Sciences http://www.informs.org/

GSU Student Organizations:
• Mathematics Association of America
• Eagle Motorsports

Resources for salary information:
• FOCUS 2 Career: tiny.cc/gsufocus
• Nat’l Association of Colleges & Employers (NACE) http://naceweb.org/salary_survey/data/