



AGNES SCOTT
COLLEGE



Major in Mathematics

Mathematics majors are required to demonstrate understanding of the abstract nature of theoretical mathematics by working with concepts and constructing proofs as well as showing skills in problem analysis and computation both individually and collaboratively. Students learn to use mathematical software as a tool in the study and application of math.

Internship and Research Sites (*recent Scottie sites)

- Agnes Scott College, Office of Sustainability*
- Aon Hewitt*
- Cars.com—Reporting Internship*
- Centers for Disease Control and Prevention (CDC)*
- CNA Insurance—Actuarial Internship
- Equifax—Data and Analytics Internship
- Georgia Tech, Math Department (research)
- Management Center Europe, Marketing Intern*
- Research sites— Agnes Scott, Georgia Tech, George Mason University, Howard University, Iowa State, Miami University, Clemson University*
- The Patten Group*
- UPS—Data and Analytics Internship

Campus & Community Involvement

Get involved during your undergraduate career, both on campus and in the local community:

Campus Involvement

- PASCAL
- Association for Women in Math
- Math Center Tutoring
- Green Team (RAs)

Community Engagement

- Mathnasium or Decatur HS (tutor)
- East Atlanta STEAM Club
- Girls Who Code
- Atlanta Science Festival (March)

Career Fields

- Statistics and Modeling
- Software Development
- Actuarial Science
- Risk Management
- Financial Analysis
- Operations Research
- National Security

Learning Beyond the Classroom

Seek out opportunities to develop these skills and experiences:

- Research and Analysis
 - Working with large data sets
 - Modeling applications
 - Applied problem-solving
- Project Leadership
 - Budget formation; resource evaluation
 - Organization skills
 - Working independently and with teams
 - Writing and presentation skills
- Digital Fluency
 - Statistical programs: SPSS, SAS, SYSTAT
 - Microsoft Excel (advanced)
 - Coding languages: SQL, Java, HTML, Python, C+, R
 - Mathematics Software: Mathematica, MATLAB or LaTeX

Contact The Office of Internship and Career Development for more information.

Entry - Level

Associate Analyst/Actuarial
 Research Assistant
 Developer
 Quality Assurance Analyst
 Math Teacher/Tutor

Mid - Career *

Financial Advisor
 Software Engineer
 Statistician
 Pricing/Product Forecaster
 Data Scientist

Late - Career *

Chief Financial Officer
 Software Architect
 Senior Economist
 Lawyer
 Director of Treasury

** May Require Graduate Degree*

Alumnae in the Workplace

Alogent Corporation
Management

Augusta Judicial Court
Legal

CA Polytechnic State University
Education

Cardlytics
Decision Sciences

CareerBuilder
Software Engineering

City of Atlanta
Planning

Comcast Cable
Analytics

Equifax
Pricing

Fort Meade
National Security Intelligence and Information Services

GT Nexus
Finance

Herndon Capital Management, LLC
Marketing & Client Services

Kemper Corporation
Financial Analysis

National Security Agency
Analytics

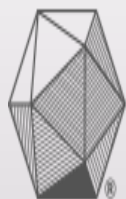
Oracle
Consulting

Raytheon Research
Software Engineering

Teach for America
Teaching

Keeping Up With the Trends

Build your career literacy and applied skills/knowledge by following industry groups of interest. Join professional associations as a student member to attend events highlighting industry news and professional networking. Ideas include:



MAA

Mathematical Association of America



American Mathematical Society



Association for Women in Mathematics



Association for Software Professionals



Society for Industrial Applied Math



The Financial Analyst Journal



Software Videos



Codecademy.com