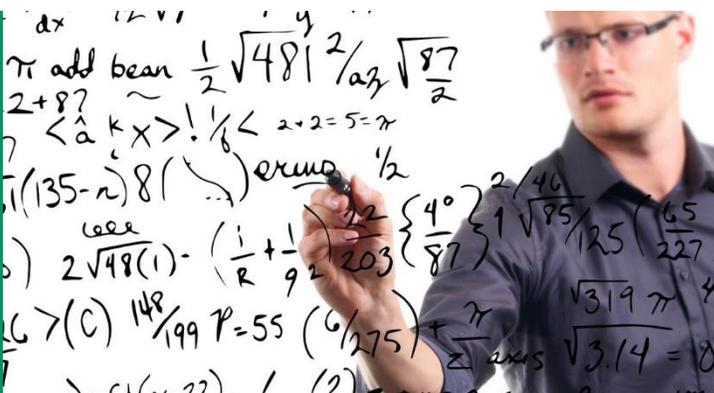


# MASTER OF SCIENCE MATHEMATICS



## GRADUATE STUDIES



### Program Description

The Master of Science (M.S.) in Mathematics program prepares students for careers in which quantitative agility and problem-solving skills are critical. Small class sizes, the opportunity to conduct research in collaboration with faculty, professional development through conference participation and supporting undergraduate instruction through teaching opportunities afford students a broad range of experiences and training. Typical career paths for graduates include actuarial science, financial analysis, statistical analysis and education on the secondary or post-secondary level. Additional information can be found at: <http://www.fgcu.edu/CAS/MathMS/>

### Admissions Requirements

- FGCU graduate application
- Official academic transcripts from every college or university attended
- Baccalaureate degree from a regionally accredited institution
- Graduate Record Exam (GRE) official scores
- GPA of 3.0 or higher on a 4.0 scale in the last 60 hours of undergraduate coursework
- Cover letter of introduction and expression of interest
- Two letters of recommendation from academic sources capable of assessing ability to succeed in a graduate program
- International students must have a satisfactory score on the TOEFL exam (minimum score of 550 paper-based, 213 computer-based, or 79 internet-based) for students from countries where English is not the primary language

Satisfaction of minimum University and program requirements does not guarantee admission to a graduate program. Applicants should check with the program for the most up to date admission requirements prior to commencing the application process.

### Application Deadlines

Fall – March 15

### Graduate Full-Time Student Cost of Attendance

Expenses	Florida Resident	Non Florida Resident
<b>Tuition and Fees</b>	\$6,720	\$23,412
<b>Books and Supplies</b>	\$1,200	\$1,200
<b>Room and Board</b>	\$9,672	\$9,672
<b>Estimated Total Cost</b>	\$17,592	\$34,284

The in-state tuition cost for FGCU is \$373.38 per credit hour. The out-of-state tuition cost for FGCU is \$1,300.66 per credit hour. Tuition & Fees figures are based on a graduate student taking 9 graduate credit hours per term for 2 terms (Fall & Spring). For more details, visit: [fgcu.edu/Graduate/Financing-graduate-studies](http://fgcu.edu/Graduate/Financing-graduate-studies)

### Program Details

#### Credit Hours Required in Major – 36 Credit Hours

#### Program Core (27 credits)

- MAA 5228 Modern Analysis I (3)
- MAA 5229 Modern Analysis II (3)
- MAP 5316 Differential Equations I (3)
- MAP 6436 Topics in Applied Mathematics (3)
- MAS 5145 Advanced Linear Algebra (3)
- MAS 5311 Modern Algebra I (3)
- MAS 5312 Modern Algebra II (3)
- MAT 6930 Research Seminar (3)
- STA 5355 Appl Mathematical Statistics (3)

#### Electives (9 credits)

- EDG 6356 Inst Models and Strategies (3)
- MAA 5406 Complex Analysis I (3)
- MAD 5206 Applied Combinatorics I (3)
- MAE 6336 Math Med: 6-12 (3)
- MAP 5317 Differential Equations II (3)
- MAS 5215 Number Theory (3)
- MAT 5932 Special Topics Math (1-3)
- MAT 6907 Directed Individual Study (1-4)
- MHF 5107 Set Theory (3)
- MHF 5306 Mathematical Logic (3)
- MHF 5405 History of Mathematics (3)
- MTG 5217 Foundations of Geometry (3)
- MTG 5316 General Topology (3)

~Above is a brief preview of the program content at the start of the 2018-2019 academic year. Information regarding program requirements and admissions are specific to a student's catalog year. This information is corrected or adjusted as needed. For more details, please review the University Catalog. <http://www.fgcu.edu/catalog/>

### Contact Information

Office of Research and Graduate Studies

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Inspiring those who inspire others...that's THE FGCU EFFECT