

# *Master of Science in Applied Mathematics and Statistics of Science in Mathematics*

<http://www.math.fau.edu/amst.php>

The purpose of this program is to prepare students for the application of mathematics in industry and scientific research. The three tracks currently offered in the program are biostatistics, cryptology & information security, and financial mathematics.

## **ADMISSION REQUIREMENTS:**

A Bachelor's degree in Mathematics (or equivalent coursework) with at least 3.0 GPA (or equivalent), three letters of recommendation documenting the applicant's prior work in mathematics focusing on preparation and suitability for success in graduate-level mathematics courses, a quantitative general GRE (revised) score of at least 155, computer competency, and approval of the departmental graduate committee. In addition, it is recommended to include scores of the GRE subject test mathematics as part of the application package .

## **DEGREE REQUIREMENTS:**

To complete the M.S. degree in Applied Mathematics and Statistics, the candidate must complete at least 30 credit hours of graduate course work, and satisfy the following criteria in addition to University requirements:

- [1] Earn at least 24 credits in courses specified in a degree track, pre-approved by the graduate advisor in mathematics, at least 15 credits of which are at the 6000-level (for details, see the graduate advisor);
- [2] If pre-approved by the department graduate committee, up to 12 credits of FAU coursework from outside of the Department of Mathematical Sciences may count toward the degree.
- [3] Complete a capstone project with the following three options:
  1. Successfully complete and defend a master's thesis, earning at least 6 credits of Master's Thesis.
  2. Successfully complete and report on an Industrial Internship, earning at least 6 credits.
  3. Successfully complete a Master's examination.

For more information, contact:  
Dr. Yuan Wang, Professor and Graduate Director  
Email: [mathgraduate@fau.edu](mailto:mathgraduate@fau.edu)  
(561)-297-3317



**Bold.**