

## At-A-Glance

-  **Minimum GPA**  
2.0
-  **Limited Access**  
No
-  **Additional Program Application**  
No
-  **Test Required**  
No
-  **Online Option**  
No
-  **Total Credits**  
**63**

## Important Notes

- Must earn a grade C or higher in courses unless otherwise indicated.
- Foreign Language Requirements: All undergraduate students are **required** to have **two** years of Foreign Language study **prior** to graduation with a bachelor's degree from Florida A&M University.
- Civic Literacy Requirement must be met prior to graduation.



## RECOMMENDED PRE-TRANSFER COURSEWORK

## YEAR 1

| Fall                                  | Spring                                  |
|---------------------------------------|-----------------------------------------|
| ENC 1101 Freshman Comm Skills I (3)   | ENC 1102 Freshmen Comm Skills II (3)    |
| MAC 3211 Calculus I (4)               | MAC 2312 Calculus II (4)                |
| AMH 2091 African American History (3) | STA 2023 Probability and Statistics (3) |
| Humanities Core (3)                   | COP 3014C Programming in C Language (4) |
| ISC 1058 Scientists Life Skills (2)   | MAN 2543 Intro to Business Systems (3)  |
| <b>Total: 15</b>                      | <b>Total: 17</b>                        |

## YEAR 2

| Fall                                 | Spring                              |
|--------------------------------------|-------------------------------------|
| MAC 2313 Calculus III (5)            | COT 3100 Discrete Mathematics (3)   |
| STA 3034 Mathematical Statistics (3) | MAP 2302 Differential Equations (3) |
| MAS 3105 Linear Algebra (3)          | Social Science Core (3)             |
| Approved Sciences Sequence (4)       | Approved Sciences Sequence (4)      |
| SPC 2608 Public Speaking (3)         | Humanities Elective (3)             |
| <b>Total: 15</b>                     | <b>Total: 16</b>                    |



## JOB OUTLOOK

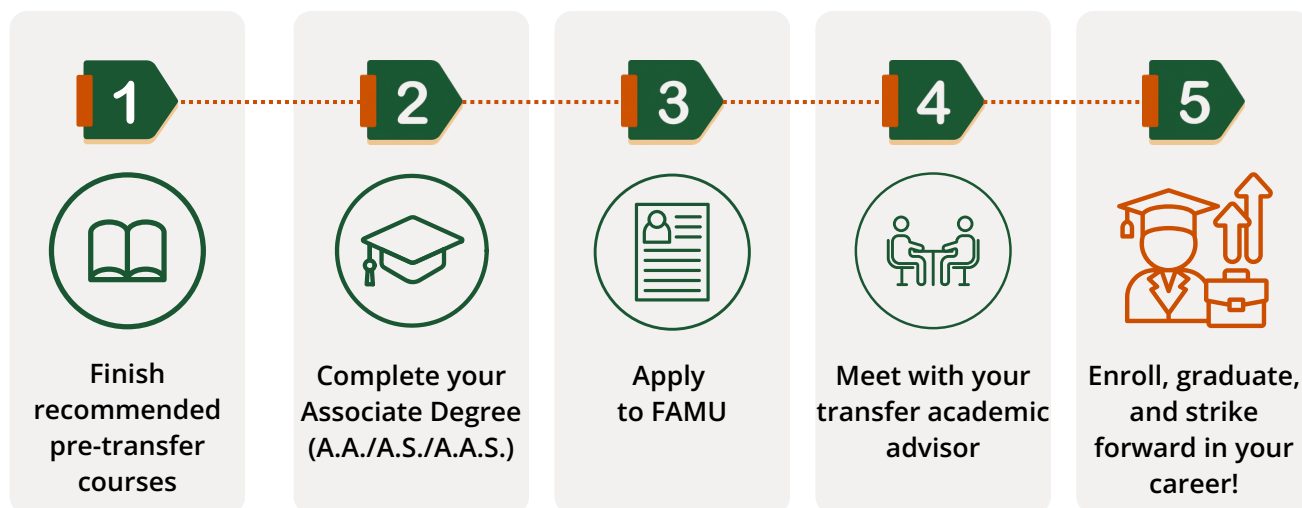
Overall employment in mathematics and statistics occupations is projected to grow significantly from 2024 to 2034, much faster than the average for all occupations. Increasing reliance on data analysis, mathematical modeling, artificial intelligence, cybersecurity, and quantitative decision-making is expected to drive demand for professionals with strong mathematical skills. Thousands of openings for mathematicians, statisticians, and related professionals are projected each year, on average, over the decade.

### Career Opportunities

- Insurance Industry
- Financial Planning
- Banking
- Investment Management
- Government Institutions



## NEXT STEPS



## CONTACT US

### Program Website

<https://www.famu.edu/academics/all-programs/cst/mathematics-actuarial-sciences-bs.php>

### Contact:

Dr. Ajith Gunaratne

(850) 561-2560

[ajith.gunaratne@FAMU.edu](mailto:ajith.gunaratne@FAMU.edu)