MATHEMATICS (CERTIFICATE)

Program Admission Requirements

1. Submission of a FGCU Post-Baccalaureate Non-Degree Application to the Office of Graduate Studies.
2. Submission of a cover letter of introduction and expression of interest.
3. A baccalaureate degree earned from an institution that maintains accreditation by a U.S. Department of Education sanctioned accrediting body (https://www.ed.gov/laws-and-policy/higher-education-laws-and-policy/college-accreditation) or equivalent foreign institution. Degrees in mathematics, math education, or a related field are recommended.
4. Submission of an official copy of all undergraduate and graduate (if applicable) transcripts. Transcripts must document successful completion of both MAC 2311 (Calculus I) and MAC 2312 (Calculus II), or equivalent courses at another institution with a grade of C or higher. Completion of a course in multivariable Calculus is highly recommended.
5. A cumulative grade point average (GPA) of 3.00 on a 4.0 scale for the last 60 semester hours of the baccalaureate degree.
6. International students must demonstrate English language proficiency in accordance with University regulation.

Program Progression and Additional Graduation Requirements

- Any credits earned in graduate mathematics courses taken at FGCU may be applied to fulfill requirements for the Mathematics Certificate. Requests for transfer of credits are subject to the approval of the Graduate Program Coordinator.
- Up to 100% of the credits earned from courses taken at FGCU towards the Mathematics Certificate can be applied to the Applied Mathematics (M.S.) degree if those courses are core requirements or electives in the Applied Mathematics (M.S.) degree. The same minimum grade requirements by Applied Mathematics (M.S.) degree apply.

Program Requirements

Code	Title	Credits
Required Courses		**(12 credits)**
MAA 5201	Introductory Analysis	3
or MAS 5307	Introductory Abstract Algebra	
MAA 5228	Modern Analysis I	3
or MAS 5311	Modern Algebra I	
MAS 5145	Advanced Linear Algebra	3
MTG 5217	Foundations of Geometry	3
or MHF 5306	Mathematical Logic	
Restricted Electives		**(9 credits)**
Select 9 credits numbered 5000 or above from the following prefixes: MAA, MAD, MAP, MAS, MAT, MHF, MTG, or STA.		9

Total Credits Required: 21