



MATHEMATICS EDUCATION (S4200)

Prerequisites

Education Prerequisites:

- EDF1005- Introduction to the Teaching Profession*
- EDF2085- Introduction to Diversity*
- EME2040- Introduction to Educational Technology
- EEX2000- Introduction to Special Education

Florida Department of Education Prerequisites:

- Communications- 6 credits
- Oral Communications- 3 credits
- Humanities- 6 credits
- Behavioral/Social Sciences- 6 credits
 - DEP2000 recommended
- Natural Sciences- 6 credits
- Mathematics & Electives- 21 credits
 - MAC1147- PreCalculus, Algebra, & Trigonometry- 5 credits
 - MAC2311- Calculus & Analytical Geometry 1- 5 credits
 - MAC2312- Calculus & Analytical Geometry 2- 4 credits
 - MAC2313- Calculus & Analytical Geometry 3- 4 credits
 - STA2023- Statistical Methods- 3 credits
- 9 credits of diversity
- Foreign Language requirement
- Completion of CGS1060 or an equivalent computer competency
- Fingerprinting requirement (Level II clearance)

Admission to the Baccalaureate Program

- 60 credits
- Minimum GPA of 2.5 on a 4.0 scale
- Passing/ exemption on all parts of the CLAST and passing all parts of the General Knowledge Test of the Florida Teacher Certification Examination
- All Education Prerequisites passed with a minimum grade of "C"

THIS PROGRAM WILL BE OFFERED WHEN THERE ARE ENOUGH STUDENTS TO CREATE A COHORT.

Professional Education Core- 18 credits (3 credits each)

- EDF4430- Measurement and Assessment in Education
- EDG3321- General Teaching Skills
- EDG3411- Classroom Management for Regular and Exceptional Students*
- EEX3071- Teaching Exceptional and Diverse Students in Inclusive Settings*
- RED3013- Foundations of Reading Instruction*
- TSL4324C- ESOL Strategies for Content Area Teachers*

Mathematics Education Discipline Content- 8 credits

- EME3410- Instructional Technology in Math & Science- 2 credits
- MAE4360- Methods of Teaching Mathematics*- 3 credits
- MAE4642- Advanced Topics in Mathematics Education Practicum**- 3 credits

Discipline Content- 22 credits

- MAD3107- Discrete Structures- 3 credits
- MAP2302- Introduction to Differential Equations- 3 credits
- MAS3105- Linear Algebra- 3 credits
- MAS3301- Algebraic Structures- 3 credits
- MAS4203- Number Theory- 3 credits
- MHF4404- History of Mathematics- 3 credits
- MTG3214- Euclidean Geometry- 4 credits

Student Teaching/Internship- 12 credits

- MAE4945- Internship in Mathematics Education***
- MAE4932- Seminar in Mathematics Education***
 - Prior to Internship the following must be completed:
 - All parts of the Florida Teacher Certification Examination (General Knowledge Test, Professional Test, and Subject Area Test) must be passed
 - Florida Educator Accomplished Practices portfolio must be approved
 - All previous coursework completed with a minimum grade of "C"

* Course requires 15 hours of field experience

** Course requires 40 hours of field experience

***Course requires full-time field experience