Mathematics Education

College: Education
School: None
Degree: Bachelor of Arts, Bachelor of Science
Option/Track: None

Limited Access Program: Yes—This program has additional admission requirements as stated below.

Campus(es) Where Offered/Contact:
Tampa / Program Director, Undergraduate Advising, Education, (813) 974-2458

Program of Study at a Florida Community/Junior College or SUS School for Students Planning to Transfer to USF
(State Mandated Common Prerequisites)
Complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university.

If students transfer without an A.A. degree and have fewer than 60 semester hours of acceptable credit, they must meet the university’s entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.

Students must complete the prerequisite courses listed below prior to be admitted to the upper-division major. Students who do not complete these prerequisites can be admitted to the University, but not to the upper-division major. Unless stated otherwise, a grade of "C" is the minimum acceptable grade.

EDF 1005/2005 Introduction to Education
EDG 2701 Teaching Diverse Populations
EME 2040 Introduction to Educational Technology
(MAC 2311* Calculus I (4)
MAC 2312* Calculus II (4)
Elective in Math (4)
Computer Programming Language (Microcomputer-based Fortran, Pascal, C or C++) (3)

*May be part of General Education Requirements
In addition to EDG 2701, lower-division courses must include 6 credit hours with an international or diversity focus.

Admission Requirements to the University Program of Study
Please be aware of the immunization, foreign language, and continuous enrollment policies of the university, and qualitative standards required.

Admission will require an overall GPA of 2.5 with a minimum score of 960 on the SAT (840 if taken before April 1, 1995) or 20 on the ACT. However, an overall 2.25 GPA will be acceptable with a minimum score of 1030 on the SAT (940 if taken before April 1, 1995) or 22 on the ACT. Official grade forgiveness will be used as appropriate. Students must have passed all sections of CLAST. Professional education courses taken at the community college will transfer as general electives.

Requirements for the B.S. Degree
Specialization (26 cr. hrs.):
MAC 2313 Calculus III (4)
MAD 3100 Discrete Mathematics (3)
MAS 3105 Linear Algebra (3)
MAS 4214 Elementary Number Theory (3)
MAS 4301 Elementary Abstract Algebra (3)
MGF 3301 Bridge to Abstract Mathematics (3)
MTG 4212 Geometry (4)

Professional Education Core (29 credit hours)
The required courses in the professional education core are as follows:
EDF 3214 Human Development and Learning (3)
EDG 3604 Social Foundations of Education (Exit) (3)
EDG 4620 Curriculum and Instruction (3)
EDG 4430 Measurement for Teachers (3)
EEX 4070 Integrating Exceptional Students in the Regular Classroom (2)
EDG 4909 Teaching LEP Students K-12 (3)
MAE 4940 Internship: Mathematics Education (10)
MAE 4936 Senior Seminar in Mathematics Education (2)

Mathematics Education (14 cr. hrs.):
MAE 4320 Middle School Methods (3)
MAE 4330 Senior High School Methods (3)
MAE 4551 Reading in Math (2)
MAE 4652 Technology for Teaching Secondary School Mathematics I (3)
MAE 4653 Technology for Teaching Secondary School Mathematics II (3)