**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. A minimum of 60 semester hours must be completed at the university unless prior approval is secured.

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 being 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 Introduction to Education  
- EDG 2701 Teaching Diverse Populations  
- EME 2040 Introduction to Educational Technology (Equivalent course or demonstrated competency may be substituted)  
- Calculus and Analytic Geometry I, 4 semester hours  
- Calculus and Analytic Geometry II, 4 semester hours  
- Computer Programming Language (Microcomputer-based Fortran, Pascal, C or C++), 3 semester hours  
- Mathematics Elective, 4 semester hours  
- Elementary Statistics, 3 semester hours

At least one course taken to meet the natural science requirements in General Education must include a laboratory component.

- 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

Professional Education Core (25-29 credit hours)

The required courses in the professional education core are as follows:*  

- EDF 3214 Human Development and Learning (3)  
- EDF 3604 Social Foundations of Education (3)  

or  
- EDF 3542 Philosophy of Education (4)

- EDG 4620 Curriculum and Instruction (3)  
- EDF 4430 Measurement for Teachers (3)  
- EEX 4070 Exceptional Student Ed (2)  
- Internship and Seminar (10-12)  
- ESOL Course (1-3)

Required courses are:

- 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)  
- MHF 4403 The Early History of Mathematics (3)  
- MTG 4212 Geometry (4)

Mathematics Education: Fifteen hours in teaching mathematics at the secondary level.

Required courses are:  
- MAE 4320 Teaching Mathematics in the Middle Grades (3)  
- MAE 4330 Teaching Senior High School Mathematics (3)  
- MAE 4551 Reading the Language of Mathematics (3)  
- MAE 4652 Technology for Teaching Secondary School Mathematics I (3)  
- MAE 4653 Technology for Teaching Secondary School Mathematics II (3)