



GUARANTEED ADMISSION TO USF

## COLLEGE OF EDUCATION

### BACHELOR OF SCIENCE: MATHEMATICS EDUCATION

#### YEAR 1 FALL

MAC 2311\* 5  
 ENC 1101 3  
 EDF 1005 3  
 General Education/Elective 3

**TOTAL: 14**

#### YEAR 1 SPRING

MAC 2312 5  
 Social Science State Core 3  
 Humanities State Core 3  
 General Education/Elective 3  
 General Education/Elective 3

**TOTAL: 17**

#### YEAR 2 FALL

MAC 2313 \*\* 4  
 Natural Science State Core 4  
 General Education/Elective 3  
 General Education/Elective 3  
 General Education/Elective 3

**TOTAL: 16-17**

#### YEAR 2 SPRING

STA 2023 3  
 General Education/Elective 3  
 General Education/Elective 3  
 General Education/Elective 3  
 General Education/Elective 3

**TOTAL: 15**

\*These classes may have prerequisites that must be taken before. Check with your Academic Advisor.

\*\* MAC, MTG, or MAS Math Elective: MAC 2313 Calculus III strongly recommended

General Knowledge Test should be taken during Year 1; test scores take 4-6 weeks to post.

College of Education strongly recommends EDF 2085 AND EME 2040 for elective coursework.

#### YEAR 3 FALL USE

MAE 4320 Teaching Mathematics in the Middle Grades 3  
 MGF 3301 Bridge to Abstract Mathematics 3  
 MTG 3212 Geometry 3  
 EDF 3604 Schools and Society 3

**TOTAL: 12**

#### YEAR 3 SPRING USE

MAE 4330 Teaching Senior High School Mathematics 3  
 MAD 3107 Discrete Mathematics 3  
 MAS 3105 Linear Algebra 3  
 MAE 4652 Technology for Teaching Secondary School Math 3  
 EDF 3214 Human Development and Learning 3  
*Apply for final internship at the end of spring.*

**TOTAL: 15**

#### YEAR 3 SUMMER USE

RED 4333 Content Area Reading 3  
 TSL 4324 ESOL Competencies and Strategies 3  
 EEX 4070 Integrating Except. Students in the Classroom 3

**TOTAL: 9**

#### YEAR 4 FALL USE

MAS 4214 Elementary Number Theory 3  
 MAE 4945 Practicum in Mathematics Education 3  
 MHF 4403 The Early History of Mathematics 3  
 ESE 4322 Classroom Mgmt. for Diverse School & Society 3  
 EDF 4430 Measurement for Teachers 3

*Recommended to take FTCE Subject Area and Professional Education Exams Fall of final year*

**TOTAL: 15**

#### YEAR 4 SPRING USE

MAE 4940 Internship: Mathematics Education 9  
 MAE 4936 Senior Seminar in Mathematics Education 3

**TOTAL: 12**

**The following is additional information for the Mathematics Education major:**

- The College of Education has a SEPARATE APPLICATION PROCESS from that of the University of South Florida. Please allow enough time to apply and receive acceptance to USF before applying to the College.
- The Mathematics Education program admits all three terms (fall, spring, summer) It is highly recommended that applicants to the COEDU (except Exercise Science) satisfy all sections of the General Knowledge Test, including Math, Reading, Language, and Essay before their first term in the college.
- All applicants must have an overall GPA of 2.5.
- EDF 1005 must have been passed with a C- or better or in progress at time of graduation.
- Florida Teacher Certification Exams (General Knowledge Test, Professional Education, and Subject Area Exams) are required for graduation, as the degree is tied to earning a Florida Teaching Certificate.
- The Mathematics Education Program is a joint program between the College of Education and the College of Arts and Sciences. Throughout this program students will develop skills in problem solving, reasoning, and argumentation. Curriculum encompasses methods of inquiry and pedagogy appropriate for the investigation of mathematical concepts, quantitative reasoning and logic. This program is designed to prepare effective teachers of middle and high school mathematics who are knowledgeable, reflective, caring, and are able to meet the needs of a diverse student population.

Students interested in Mathematics Education may email [edu-advise@usf.edu](mailto:edu-advise@usf.edu)

For general transfer advising inquiries please contact [transfer-advising@usf.edu](mailto:transfer-advising@usf.edu)

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