



GUARANTEED ADMISSION TO USF

COLLEGE OF EDUCATION
BACHELOR OF SCIENCE: MATHEMATICS EDUCATION



Graduation Pathway Starting at



**COLLEGE of
CENTRAL
FLORIDA**

Students completing the following courses and requirements in combination with an AA from College of Central Florida will have automatically satisfied requirements to begin upper level coursework.

COLLEGE – EDUCATION

Intended Program of Study- B.S. Mathematics Education (Grades 6-12)

- Restrictive Program-**Yes** (2.5 GPA, Prerequisite completion, Passing scores on General Knowledge Test)
- College Application Required- **Yes** (<http://www.usf.edu/education/advising/undergraduate/coedu-applications.aspx>)
 - Please note that any college requiring an application will need it to be submitted following admission to the University.
- Tests Required- **General Knowledge Test** (<http://www.fl.nesinc.com/>)
- (College) Foreign Language Exit Required- **No**, *yet beginning with students initially entering a Florida College System institution or state university in 2014-2015 and thereafter, coursework for an associate in arts degree shall include demonstration of competency in a foreign language.*

PREREQUISITE COURSES

(Common State Prerequisites) (C or Higher in all courses)

USF Courses

EDF 2005*
 MAC 2311
 MAC 2312
 Additional MAC, MTG, or MAS math elective

CF Course Equivalent

EDF 2005*
 MAC 2311
 MAC 2312
 Additional MAC, MTG, or MAS math elective

STRONGLY RECOMMENDED COURSES (C or Higher)

USF Courses

EDF 2085*
 EME 2040
 STA 2023
 MAC 2313
 *Courses include field work (15 hours of observation)

CF Course Equivalent

EDF 2085*
 EME 2040
 STA 2023
 MAC 2313

Start College of Central Florida

The following course sequence is a guideline for completion of requirements of the A.A. and prerequisite courses. A unique plan developed in consultation with an advisor at both CF and USF may differ depending on student circumstances.

YEAR 1 CF

FALL

ENC 1101	3
One Humanities (State Core)	3
STA 2023	3
One Social Science (State Core)	3

TOTAL: 12

SPRING

EDF 2005	3
One Natural Science	3-4
MAC 2311	4
ENC 1102	3

TOTAL: 13-14

SUMMER

One Social Science (Institutional Core)	3
One Natural Science	3-4
One Humanities (Institutional Core)	3
Oral Communication Course	3

TOTAL: 12-13

General Knowledge Test should be taken around holiday break/early spring. Test scores take from 6-8 weeks to return.

YEAR 2 CF

FALL

General Diversity Course	3
One Social Science (Personal Development)	3
EDF 2085	3
MAC 2312	4

TOTAL: 13

SPRING

General Diversity Course	3
MAC 2313	4
Elective	3
EME 2040	3

TOTAL: 13

Graduate with A.A. from CF

YEAR 2 Fall/Spring

USF application should be submitted by early spring of year 2 (or spring of year leading into intended transfer) to ensure timely review. Once student is admitted as a Bull, College application may be submitted.

USF START

YEAR 3 FALL USE

MAE 4320 Teaching Mathematics in the Middle Grades	3
MGF 3301 Bridge to Abstract Mathematics	3
MTG 4214 or MTG 3212	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 or MAS 4301	3
MAE 4652 Technology for Teaching Secondary School Math	3
EDF 3214 Human Development and Learning	3
<i>Apply for final internship at the end of spring.</i>	

TOTAL: 15

YEAR 3 SUMMER USE

MAE 4551 Reading the Language of Mathematics	3
TSL 4324 ESOL Competencies and Strategies	3
EEX 4070 Integrating Exceptional Students in the Regular 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 & 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 received acceptance to USF before applying to the College.
- The Mathematics Education program admits all three terms (fall, spring, summer)
- All applicants to the COEDU (except Exercise Science) must take and pass all sections of the General Knowledge Test, including Math, Reading, Language, and Essay.
- All applicants must have a cumulative GPA of 2.5
- EDF 1005 must have been passed with a C- or better. As long as all pre-requisite courses are complete or IN-PROGRESS the student may apply.
- Florida Teacher Certification Exams (Professional Education and Subject Area Exams) are required for graduation, as the degree is tied to earning a Florida Teaching Certificate. Students are encouraged to take these in fall of the last year to ensure enough time to retest if necessary. Certification will be reflected on the official transcripts.
- 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-sasast@usf.edu

For general transfer advising inquiries please contact transfer-advising@usf.edu

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