



COLLEGE OF EDUCATION
BACHELOR OF SCIENCE: MATHEMATICS EDUCATION
CONCENTRATION: MIDDLE SCHOOL MATHEMATICS



Graduation Pathway Starting at



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

COLLEGE – EDUCATION

Intended Program of Study- B.S. Mathematics Education; Concentration: Middle Grades Math (Grades 5-9)

- 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* (Prereq. for EDF 2085)
 MAC 2311
 Additional MAC math elective

SCF Course Equivalent

EDF 1005*
 MAC 2311
 Additional MAC math elective

STONGLY RECOMMENDED COURSES (C or Higher)

USF Courses

EDF 2085*
 EME 2040
 *Courses include field work (15 hours of observation)

SCF Course Equivalent

EDF 2085*
 EME 2040

Start State College of 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 SCF and USF may differ depending on student circumstances.

YEAR 1 SCF

FALL

| | |
|-----------------|---|
| ENC 1101 | 3 |
| MAC 1105 | 3 |
| Natural Science | 3 |
| EDF 1005 | 3 |
| SLS 1101 | 3 |

TOTAL: 15

SPRING

| | |
|-----------------|---|
| ENC 1102 | 3 |
| MAC 1140 | 3 |
| Social Science | 3 |
| Natural Science | 3 |
| EDF 2085 | 3 |

TOTAL: 15

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

YEAR 2 SCF

FALL

| | |
|----------------|---|
| Social Science | 3 |
| SPC 1608 | 3 |
| MAC 1114 | 3 |
| Humanities | 3 |
| Elective | 3 |

TOTAL: 15

SPRING

| | |
|------------|---|
| EME 2040 | 3 |
| MAC 2311 | 4 |
| Elective | 3 |
| Humanities | 3 |
| Elective | 3 |

TOTAL: 16

Graduate with A.A. from SCF

YEAR 2 Fall/Spring

USF application should be submitted by early spring of year 2 (or last term 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

| | |
|--|---|
| MAS 3205 Number Concepts Connections | 3 |
| STA 3027 Statistics and Probability Connections | 3 |
| EDF 4430 Measurement for Teachers | 3 |
| EDM 3403 Middle Level Education | 3 |
| MAE 3224 Middle School Math Methods Course I | 3 |
| MAE 3941 Practicum I: Middle School Math Education | 2 |

TOTAL: 17

YEAR 3 SPRING USE

| | |
|---|---|
| MTG 3207 Geometry Connections | 3 |
| MAS 3108 Algebra Connections | 3 |
| ESE 4322 Classroom Mgmt. for Diverse School & Society | 3 |
| MAE 3225 Middle School Math Methods Course 2 | 3 |
| MAE 3942 Practicum II: Middle School Math Education | 2 |
| <i>Apply for final internship at the end of spring.</i> | |

TOTAL: 14

YEAR 3 SUMMER USE

| | |
|--|---|
| EDF 3214 Human Development and Learning | 3 |
| EDM 3620 Teaching the Young Adolescent Learner | 3 |
| EEX 4070 Integrating Exceptional Students in the Regular Classroom | 3 |

TOTAL: 9

YEAR 4 FALL USE

| | |
|--|---|
| MAE 4941 Internship I: Middle School Math Education | 6 |
| TSL 4324 ESOL Competencies and Strategies | 3 |
| MAE 4551 Reading the Language of Mathematics | 3 |
| <i>Recommended to take FTCE Subject Area & Professional Education Exams Fall of final year</i> | |

TOTAL: 12

YEAR 4 SPRING USE

| | |
|--|---|
| MAE 4942 Internship II: Middle School Math Education | 6 |
| EDF 3604 Schools and Society | 3 |
| EDM 4406 Contemporary Issues in STEM Education | 3 |

TOTAL: 12

The following is additional information for the Middle Grades 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 Middle Grades Mathematics Education program only admits in the fall term.
- 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 Middle Grades Mathematics Education Program is a joint program between the College of Education and the College of Arts and Sciences in partnership with Hillsborough County Public Schools. This program is designed to prepare students with the specialized knowledge, skills, and dispositions to teach early adolescent learners effectively. The pedagogy courses provide opportunities to examine issues related to curriculum, instruction, and assessment necessary for teaching number concepts, algebra, geometry, and statistics and probability. This is a full-time, cohort-style program with extensive field experiences, including a yearlong residency in grades 5-9.

Students interested in Middle Grades Mathematics Education may email edu-sasast@usf.edu

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

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GUARANTEED ADMISSION TO USF

