



Bachelor of Science Education Degree Program Mathematics Education – S500

CAREER PATHWAY: [EDUCATION](#)

Location(s): [Courses for this program are offered at all Broward College locations.](#) Please consult the course schedule for specific semester locations.

Program Description: The Bachelor of Science in Mathematics Education has two tracks: A Middle Grades Mathematics Education track designed to qualify its graduates to teach Mathematics in grades 5-9 and Secondary Mathematics Education track designed to qualify its graduates to teach Mathematics in grades 6-12. Please note that admission to Broward College does not constitute admission to the Teacher Education programs; a supplemental application is also required for the Teacher Education Program. Students must meet all Teacher Education Program admission requirements before acceptance into the program. In addition to the required coursework, students must pass the Florida Teacher Certification Exams as a requirement for program completion.

The Bachelor of Science in Education uses a 2+2 model requiring the completion of an Associate of Arts Degree, or at least 60 semester credit hours of postsecondary education from a regionally accredited college or university for entry into the program; these must include 36 hours of General Education Core requirements. Visit the program's [website](#) for more information or call 954-201-2500.

Program Entrance Requirements: Admission to Broward College does not constitute admission to the Teacher Education Program (TEP); a free, supplemental application is also required. Students must meet all Teacher Education Program admission requirements prior to being accepted into the program. Requirements for admission to the Teacher Education Program include the following:

- Submission of a [supplemental application](#).
- Applications for the TEP will be accepted for the Fall and Spring terms. The supplemental application and application deadlines are available online at www.broward.edu/education.
- Completion of an Associate of Arts degree from a regionally-accredited institution or at least 60 semester credit hours of post-secondary education from a regionally-accredited college or university with 36 credit hours of general education coursework.
- A cumulative grade point average of 2.5 on a 4.0 scale for the general education component of undergraduate studies.
- A passing score on any one of the four (English, Essay, Mathematics, Reading) subtests of the General Knowledge Exam.
- Students admitted to the program will be required to take and pass the remaining three sections of the General Knowledge Exam by the completion of their 15th credit.
- To register for the General Knowledge Exam visit: www.fl.nesinc.com.
- Applicants must be in good academic standing at the last institution they attended.
- Broward College must have on file an official, complete transcript from each postsecondary institution attended, cumulatively indicating completion of 60 or more transferable credits by the applicant's entry term. Prior Broward College students do not need to submit Broward College transcripts, only transcripts from any other institutions attended.
- Completion of all general education requirements and lower division state mandated common prerequisites, including the following three common education prerequisites, in which students must have earned a grade of "C" or better:
 - EDF 1005 Introduction to the Teaching Profession
- Submission of a letter of recommendation from one person who knows the applicant personally, educationally, and/or professionally.
- Approval from the Teacher Education Program Admission Committee

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B.S. MATHEMATICS EDUCATION COMPONENTS

| | |
|---|------------|
| LOWER DIVISION COURSEWORK in semester credit hours | 60 |
| Associate Degree Program of Study Program Electives (to include EDF1005) | 24 |
| General Education Core Requirements Credits: Communication (9), Math (6) Humanities (6) Social Behavioral Science (6) Science (6) Science Lab (1), Wellness (2) | 36 |
| Digital Literacy Requirement: Students are required to have passed the Computer Competency exam or completed CGS1060C or equivalent course. | |
| Note: Students must include the following math courses within their lower division educational plan: EDF1005, MAC1105/MAC1105C, MAC1140*, MAC1114*, STA2023, and MAC2311. Additionally, students in the Secondary Mathematics (6-12) Education Track must also include MAC2312. *MAC1147 is equivalent to MAC1140 and MAC1114 combined and will be accepted in its place. | |
| Foreign Language Requirement: Students are required to have two-years of sequential foreign language studies from high school or eight semester credit hours from college prior to graduation of Bachelor of Science degree. | |
| UPPER DIVISION COURSEWORK in semester credit hours | 60 |
| TOTAL | 120 |

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MIDDLE GRADES (5-9) MATHEMATICS EDUCATION TRACK A

| Full Time | Part Time | Course ID | Description | Credits |
|-----------------------------------|-----------|------------|--|-----------|
| Term 1 | Term 1 | EDF3280* | Instructional Strategies | 3 |
| | | EEX3011 | Introduction to ESE | 3 |
| | | MAD2104 | Mathematics | 3 |
| | Term 2 | RED3342 ** | Foundations of Reading | 3 |
| | | TSL3080** | ESOL Issues & Strategies I | 3 |
| Term 2 | Term 3 | EDP4004 | Educational Psychology | 3 |
| | | MAS2103 | Linear Algebra | 3 |
| | | MAE4320 | Methods of Teaching Math in the Middle School | 3 |
| | Term 4 | EDG4410 | Classroom Management | 3 |
| | | EME3410 | Enhancing Mathematics and Science Education with Technology Applications | 3 |
| | | | | |
| Term 3 | Term 5 | MHF4404 | History of Mathematics | 3 |
| | | MTG3212 | Geometry | 3 |
| Term 4 | Term 6 | EDF4430 | Educational Tests and Measurements | 3 |
| | | MAS3301 | Abstract Algebra with Introductory Number | 3 |
| | Term 7 | MAE3143*** | Theory Interactive Middle School and Secondary School Projects | 3 |
| | | MAE3941*** | Teaching Middle School and Secondary School Practicum | 3 |
| Term 5 | Term 8 | MAE4945 | Student Teaching | 12 |
| Total Program Credit Hours | | | | 60 |

Notes:

*EDF3280 is a required first semester course. **RED3342 and TSL3080 are co-requisite courses.

***MAE3413 and MAE3941 are co-requisite courses.



SECONDARY MATHEMATICS (6-12) EDUCATION TRACK B

| Full Time | Part Time | Course ID | Description | Credits |
|-----------------------------------|-----------|------------|--|-----------|
| Term 1 | Term 1 | EDF3280* | Instructional Strategies | 3 |
| | | EEX3011 | Introduction to ESE | 3 |
| | | MAD2104 | Mathematics | 3 |
| | Term 2 | RED3342 ** | Foundations of Reading | 3 |
| | | TSL3080** | ESOL Issues & Strategies I | 3 |
| Term 2 | Term 3 | EDP4004 | Educational Psychology | 3 |
| | | MAS2103 | Linear Algebra | 3 |
| | | MAE4330 | Methods of Teaching Math in the Secondary School | 3 |
| | Term 4 | EDG4410 | Classroom Management | 3 |
| | | EME3410 | Enhancing Mathematics and Science Education with Technology Applications | 3 |
| Term 3 | Term 5 | MHF4404 | History of Mathematics | 3 |
| | | MTG3212 | Geometry | 3 |
| Term 4 | Term 6 | EDF4430 | Educational Tests and Measurements | 3 |
| | | MAS3301 | Abstract Algebra with Introductory Number | 3 |
| | Term 7 | MAE3143*** | Theory Interactive Middle School and Secondary School Projects | 3 |
| | | MAE3941*** | Teaching Middle School and Secondary School Practicum | 3 |
| Term 5 | Term 8 | MAE4944 | Student Teaching | 12 |
| Total Program Credit Hours | | | | 60 |

Notes:

*EDF3280 is a required first semester course. **RED3342 and TSL3080 are co-requisite courses.

***MAE3143 and MAE3941 are co-requisite courses.

This is only a **recommended** course sequence. Students are strongly encouraged to meet with their assigned [advisor](#) to create a personalized educational plan.

CHOOSE YOUR COURSES

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PROGRAM HIGHLIGHTS



CREDIT FOR PRIOR LEARNING

Accelerate your path to completion with these options:

- Credit by exam
- Earned industry certifications
- Prior Learning Assessment
- And much more...



RELATED INDUSTRY CERTIFICATIONS

Upon completing this program, graduates will be eligible to sit for the following industry certifications/licenses:

- Florida Teaching Certification: Requires a passing score of Subject Area and Professional Education exams of the Florida Teacher Certification Examinations (FTCE)



GET AN INTERNSHIP

After completing your first year of coursework make sure to visit the Career Center for internship opportunities that help you take your career to the next level! Also, explore hundreds of career videos and career profiles through Virtual Job Shadow.

[Get an Internship](#)

[Virtual Job Shadow Tool](#)



MEDIAN WAGE AND JOB GROWTH OUTLOOK

Broward College has [Career Insight!](#) It is designed to help you find a good career by providing the most current local data on wages, employment, job postings, and associated education and training.



FUND YOUR EDUCATION

This program is [Financial Aid](#) eligible. [Scholarships](#) may be available.

GET STARTED TODAY!

START APPLICATION



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