

Bachelor of Science in Education Secondary Mathematics Program Program Code S500

Program Description: The Bachelor of Science in Education for Secondary Mathematics Education is designed to qualify its graduates to teach math in grades 6-12. Admission to Broward College does not constitute admission to the Teacher Education programs; a supplemental application is also required. 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.

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.

Career Pathway: Education

Program Entrance Requirements: Admission to Broward College does not constitute admission to the Teacher Education Program (TEP); a supplemental application is also required. Students must meet all Teacher Education Program admission requirements before acceptance 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 in the fall and winter. The supplemental application and application deadlines are posted online at www.broward.edu/education
- Completion of an Associate in 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 course work.
- 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. If the applicant has received credits through examinations, such as, but not exclusively, the College Level Examination Program, he or she must provide official examination results. Transfer students who have more than 30 upper-division credits completed, or those who have senior status, will not be eligible for admission. 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

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- EDF2085 Introduction to Diversity and Exceptionalities for Educators
- EME2040 Introduction to Educational Technology
- All transfer applicants must have completed 8 credit hours of sequential foreign language or its equivalent in quarter hours (high school or post-secondary) prior to enrollment.
- 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.

Related Industry Certifications: Florida Teaching Certification Examinations – In order to complete the program, students are required to submit a passing score of Subject Area and Professional Education exams of the Florida Teacher Certification Examinations (FTCE).

Foreign Language Requirement: Students must successfully complete the foreign language requirement as prescribed in college policy and the college catalog.

Location(s): General Education courses can be taken at specific college locations. Please consult the course schedule for specific semester locations.

Contact information: For more information about the Teacher Education Program, visit www.broward.edu/education

LOWER DIVISION COURSEWORK in semester credit hours	60
Associate Degree Program of Study Program Electives (to include EDF1005, EDF2085, EME2040)	24
General Education Core Requirements Credits: Communication (9), Math (6) Humanities (6) Social Behavioral Science (6) Science (6) Science Lab (1), Wellness (2)	36
Students in the Secondary Math Program must include the following math courses within their lower division educational plan: MAC1105, MAC1140, MAC1114, STA2023, MAC2311 and MAC2312.	
Foreign Language Requirement: Students must successfully complete the foreign language requirement as prescribed in college policy and the college catalog.	
UPPER DIVISION COURSEWORK in semester credit hours	60
TOTAL	120

Upper Division Credit Hours	60
EDP4004 Educational Psychology	3
RED3342 Foundations of Reading (10 hours field experience)	3
TSL3080 ESOL Issues & Strategies I (10 hours field experience)	3
EEX3011 Introduction to ESE (10 hours field experience)	3
EDF3280 Instructional Strategies (10 hours field experience)	3
EDF4930 Special Topics	1
EDG4410 Classroom Management (10 hours field experience)	3

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EDF4430	Educational Tests and Measurements	3
RED3352	Reading in the Content Area (10 hours field experience)	3
MAD2104	Discrete Mathematics	3
MAS2103	Linear Algebra	3
MAS4300	Abstract Algebra with Introductory Number Theory	3
MTG3212	Geometry	3
MHF4404	History of Mathematics	3
MAE4330	Methods of Teaching Math in the Secondary School (15 hours field experience)	3
MAE3143	Interactive Middle and Secondary School Projects	3
MAE3941	Teaching Middle School and Secondary School Practicum (60 hours field experience, one day/week for eight weeks)	3
MAE4945	Student Teaching in Mathematics (37.5 hours weekly for 15 weeks)	11

Notes: Many courses have specific pre-requisite and co-requisite requirements that must be followed. Students are encouraged to consult the Course Information Table for a detailed list of all requisite requirements.

Students are strongly encouraged to meet with an advisor to create an educational plan.