



## Bachelor of Science Education Degree Program Mathematics Education – Program Code S500

**Career Pathway:** [Education](#)

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

**Program Entrance Requirements:** Admission to Broward College does not constitute admission to the Teacher Education Program (TEP); a supplemental application is 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, winter and summer terms. The supplemental application and application deadlines are posted online at [www.broward.edu/education](http://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 is required.
  - 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 hour.
  - To register for the General Knowledge Exam visit: [www.fl.nesinc.com](http://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 common education prerequisite, 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.

### 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.

### Build Your Education

Associate in Arts 1010  
or 60 Credits Hours

Mathematics Education Program  
B.S.

B.S. MATHEMATICS EDUCATION COMPONENTS	
<b>LOWER DIVISION COURSEWORK</b> in semester credit hours	<b>60</b>
<b>Associate Degree Program of Study Program Electives</b> (to include EDF1005, EDF2085, EME2040)	24
<b>General Education Core Requirements Credits:</b> Communication (9), Math (6) Humanities (6) Social Behavioral Science (6) Science (6) Science Lab (1), Wellness (2).	36
<b>Note:</b> Students must include the following math courses within their lower division educational plan: MAC1105, MAC1140*, MAC1114*, STA2023, and MAC2311. Additionally, students in the Secondary Mathematics (6-12) Education Track must also include MAC2312. <b>*MAC1147 is equivalent to MAC1140 and MAC1114 combined and will be accepted in its place.</b>	
<b>Foreign Language Requirement:</b> 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.	
<b>UPPER DIVISION COURSEWORK</b> in semester credit hours	<b>60</b>
<b>TOTAL</b>	<b>120</b>

### S500: Middle Grades (5-9) Mathematics Education Track Recommended Course Sequence

Full Time	Part Time	Course ID	Description	Credits
Term 1	Term 1	EDF3280	Instructional Strategies	3
		EEX3011	Introduction to ESE	3
		MAD2104	Discrete 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 Theory	3
	Term 7	MAE3143	Interactive Middle School and Secondary School Projects **	3
		MAE3941	Teaching Middle School and Secondary School Practicum **	3
Term 5	Term 8	MAE4945	Student Teaching Completion of all program requirements	12
<b>Total Program Credit Hours</b>				<b>60</b>

**S500: Secondary Mathematics (6-12) Education Track  
Recommended Course Sequence**

Full Time	Part Time	Course ID	Description	Credits
Term 1	Term 1	EDF3280	Instructional Strategies*	3
		EEX3011	Introduction to ESE*	3
		MAD2104	Discrete 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 Theory **	3
	Term 7	MAE3143	Interactive Middle School and Secondary School Projects ***	3
		MAE3941	Teaching Middle School and	3
Term 5	Term 8	MAE4944	Student Teaching Completion of all program requirements*	12
<b>Total Program Credit Hours</b>				<b>60</b>

\*Course requires field experience hours. Student must check the catalog for the specific number of hours required per course. \*\* Prerequisite or Co-requisite is required for this course. \*\*\* Course has both prerequisites or co-requisites and field experience required.

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

**CHOOSE YOUR COURSES**

**Program Highlights**



**Credit for Prior Learning:** Accelerate your path to completion with these options:

- Credit by exam
- Prior Learning Assessment
- Earned Industry certifications
- 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).

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**Get Career Ready:** 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](#)

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**Median Wage and Job Growth Outlook:** Broward College has [Career Coach](#) & the [Career Ladders](#). These tools are 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. Learn how to climb your career ladder!

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**Fund Your Education:**

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

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Get Started Today!

START APPLICATION

