



Mathematics – Associate of Arts 1010

Career Pathway: [Science, Technology, Engineering, & Math \(STEM\)](#)

Location(s): [Courses for this transfer plan are offered at all BC locations.](#)

Program Description: The Associate of Arts (A.A.) degree is designed for the student who plans to transfer to a Florida public university as a junior to complete a bachelor's degree. A student who earns an A.A. degree from Broward College meets the lower division general education requirements of a Florida state university, but does not automatically meet the requirements for a particular major.



Suggested Full-Time Course Sequence

Full Time	Course ID	Description	Credits
Term 1	ENC1101	Composition I	3
	MAC1147 ^{1,2}	Precalculus Algebra and Trigonometry	5
	GE Course	General Education Humanities Core	3
	SPC1017 <u>OR</u>	Introduction to Speech Communication <u>OR</u>	3
	SPC 1608 <u>OR</u>	Introduction to Public Speaking <u>OR</u>	
	SPC1065 <u>OR</u>	Speaking for Professionals <u>OR</u>	
	SPC1511	Argumentation and Debate	
Term 2	ENC1102	Composition II	3
	MAC2311	Calculus & Analytical Geometry I	5
	MAD2104 ⁶	Discrete Mathematics	3
	GE Course ³	General Education Social/Behavioral Science Core	3
Term 3 Summer	MAC2312	Calculus & Analytical Geometry II	5
Term 4	MAC2313	Calculus & Analytical Geometry III	5
	PHY2048 ⁴	General Physics with Calculus I	4
	PHY2048L ^{4,5}	General Physics with Calculus I Lab	1
	MAS2103 ⁶	Linear Algebra	3
Term 5	MAP2302	Differential Equations	3
	PHY2049 ⁴	General Physics with Calculus II	4
	PHY2049L ^{4,5}	General Physics with Calculus II Lab	1
	GE Course	General Education Humanities Core	3
	GE Course ³	General Education Social/Behavioral Science Core	3
Term 6 Summer	COP1210C ⁷	Programming I	(3)
Total Credits			60

1. Students may need to take MAC1105C or MAC1105 depending on placement score.
2. Students may take *both* MAC1114 and MAC1140 in place of the single course MAC1147.
3. The state Civic Literacy requirement means that most students will have to take either AMH 2020 or POS 2041.
4. For FIU's B.S. in Mathematics: Biology Track, the appropriate natural science sequence is CHM 1045/L and BSC2010/L. For FIU's B.S. in Mathematics: Chemistry Track, the appropriate natural science sequence is BSC2010/L and BSC2011/L. Please consult the FIU website for specific alternatives for other FIU tracks for a B.S. in Mathematics.
5. Some of FIU's B.S. in Mathematics tracks require two lab credits. FAU requires one lab credit. Please consult the institutions' websites for specific requirements.
6. These courses (MAD2104, MAS2103) can be taken in any order.
7. It is recommended that COP1210C be taken at Broward College.

Note: The Digital Literacy requirement must be met by either taking CGS1060C or testing out. To test out please contact the Testing Center by e-mailing testingservices@broward.edu. Students must also satisfy the Foreign Language requirement as prescribed in the College catalog.

***This is only a recommended course sequence. Classes are subject to change based on the transfer university. Please check with your [Academic Advisor](#) and/or university website to ensure you are enrolled in the correct classes.**

CHOOSE YOUR COURSES

Suggested Part-Time Course Sequence

Part Time	Course ID	Description	Credits
Term 1	ENC1101	Composition I	3
	MAC1147 ^{1,2}	Precalculus Algebra and Trigonometry	5
Term 2	ENC1102	Composition II	3
	MAC2311	Calculus & Analytical Geometry I	5
	GE Course ³	General Education Social/Behavioral Science Core	3
Term 3 Summer	MAC2312	Calculus & Analytical Geometry II	5
Term 4	MAC2313	Calculus & Analytical Geometry III	5
	PHY2048 ⁴	General Physics with Calculus I	4
	PHY2048L ^{4,5}	General Physics with Calculus I Lab	1
Term 5	MAD2104 ⁶	Discrete Mathematics	3
	PHY2049 ⁴	General Physics with Calculus I	4
	PHY2049L ^{4,5}	General Physics with Calculus I	1
Term 6 Summer	MAP2302	Differential Equations	3
	SPC1017 OR	Introduction to Speech Communication OR	3
	SPC1608 OR	Introduction to Public Speaking OR	
	SPC1065 OR	Speaking for Professionals OR	
	SPC1511	Argumentation and Debate	
Term 7	MAS2103 ⁶	Linear Algebra	3
	GE Course	General Education Humanities Core	3
	GE Course ³	General Education Social/Behavioral Science Core	3
Term 8	GE Course COP1210C ⁷	General Education Humanities Core Programming I	3 (3)
Total Credits			60

1. Students may need to take MAC1105C or MAC1105 depending on placement score.
2. Students may take *both* MAC1114 and MAC1140 in place of the single course MAC1147.
3. The state Civic Literacy requirement means that most students will have to take either AMH 2020 or POS 2041.
4. For FIU's B.S. in Mathematics: Biology Track, the appropriate natural science sequence is CHM 1045/L and BSC2010/L. For FIU's B.S. in Mathematics: Chemistry Track, the appropriate natural science sequence is BSC2010/L and BSC2011/L. Please consult the FIU website for specific alternatives for other FIU tracks for a B.S. in Mathematics.
5. Some of FIU's B.S. in Mathematics tracks require two lab credits. FAU requires one lab credit. Please consult the institutions' websites for specific requirements.
6. These courses (MAD2104, MAS2103) can be taken in any order.
7. It is recommended that COP1210C be taken at Broward College.

Note: The Digital Literacy requirement must be met by either taking CGS1060C or testing out. To test out please contact the Testing Center by e-mailing testingservices@broward.edu. Students must also satisfy the Foreign Language requirement as prescribed in the College catalog.

***This is only a *recommended* course sequence. Classes are subject to change based on the transfer university. Please check with your [Academic Advisor](#) and/or university website to ensure you are enrolled in the correct classes.**

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