



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.

Build Your Education



Suggested Full-Time Course Sequence

Full Time	Course ID	Description	Credits
Term 1	ENC1101	Composition I	3
	MAC1140 ^{1,2}	Precalculus Algebra	3
	MAC1114 ^{1,2}	Trigonometry	3
	SPC1024 or SPC1608	Introduction to Speech Communication <u>OR</u> Introduction to Public Speaking	3
Term 2	ENC1102	Composition II	3
	MAC2311	Calculus & Analytical Geometry I	5
	Social Science ³	Core or General Education Social Science	3
	Humanities ^{3,4}	Core or General Education Humanities	3
Term 3 Summer	MAC2312	Calculus & Analytical Geometry II	5
	Behavioral Science ³	Core or General Education Behavioral Science	3
Term 4	MAC2313	Calculus & Analytical Geometry III	5
	PHY2048 ⁵	General Physics with Calculus I	4
	PHY2048L ^{5,6}	General Physics with Calculus I Lab	1
	Humanities ^{3,4}	Core or General Education Humanities	3
Term 5	MAP2302	Differential Equations	3
	MAS2103 ⁷	Linear Algebra	3
	PHY2049 ⁵	General Physics with Calculus II	4
	PHY2049L ^{5,6}	General Physics with Calculus II Lab	1
	Wellness	General Education Wellness	2
			60

Additional Courses required by University

MAD2104 ⁷	Discrete Mathematics	(3)
COP1210C ⁸	Programming I	(3)

- Students may need to take MAC1105C or MAC1105 depending on placement score.
- Students can replace both MAC1114 and MAC1140 with the single 5-credit course MAC1147.
- These electives can be taken in any order.
- Students must successfully meet the foreign language requirement as prescribed in the College Catalog.
- 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 B.S. in Mathematics tracks.
- 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.
- These courses (MAS2103 and MAD2104) can be taken in any order. One is required for the AA degree, but it is recommended that both are taken at Broward College.
- It is recommended that COP1210C is taken at Broward College.

Note: Students are required to satisfy the College's computer literacy competency and may need to complete CGS1060C in order to fulfill this requirement.

*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

Modified 5.19.20

Part-Time Suggested Course Sequence

Part Time	Course ID	Description	Credits
Term 1	ENC1101	Composition I	3
	MAC1140 ^{1,2}	Precalculus Algebra	3
	SPC1024 or SPC1608	Introduction to Speech Communication <u>OR</u> Introduction to Public Speaking	3
	Term 2	ENC1102	Composition II
Term 2	MAC1114 ^{1,2}	Trigonometry	3
	Social Science ³	Core or General Education Social Science	3
	Term 3 Summer	MAC2311	Calculus & Analytical Geometry I
Term 4	MAC2312	Calculus & Analytical Geometry II	5
	PHY2048 ⁵	General Physics with Calculus I	4
	PHY2048L ^{5,6}	General Physics with Calculus I Lab	1
Term 5	MAC2313	Calculus & Analytical Geometry III	5
	PHY2049 ⁵	General Physics with Calculus I	4
	PHY2049L ^{5,6}	General Physics with Calculus I	1
Term 6 Summer	MAP2302 ⁷	Differential Equations	3
	Wellness	General Education Wellness	2
Term 7	MAS2103 ⁷	Linear Algebra	3
	Humanities ^{3,4}	Core or General Education Humanities	3
	Behavioral Science ³	Core or General Education Behavioral Science	3
Term 8	Humanities ^{3,4}	Core or General Education Humanities	3
			60

Additional Courses required by University

MAD2104 ⁷	Discrete Mathematics	(3)
COP1210C ⁸	Programming I	(3)

- Students may need to take MAC1105C or MAC1105 depending on placement score.
- Students can replace both MAC1114 and MAC1140 with the single 5-credit course MAC1147.
- These electives can be taken in any order.
- Students must successfully meet the foreign language requirement as prescribed in the College Catalog.
- 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 B.S. in Mathematics tracks.
- 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 details.
- These courses (MAS2103 and MAD2104) can be taken in any order. One is required for the AA degree, but it is recommended that both are taken at Broward College.
- It is recommended that COP1210C is taken at Broward College.

Note: Students are required to satisfy the College's computer literacy competency and may need to complete CGS1060C in order to fulfill this requirement.

*Classes are subject to change based on the transfer University. Please check with you [Academic Advisor](#) and/or University website to ensure you are enrolled in the correct classes

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