



## Biomedical or Chemical Engineering Transfer Major – Associate of Arts 1010

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

**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 Course Sequence for Full-Time Student

Full Time	Course ID	Description	Credits
Term 1	ENC1101	Composition I	3
	MAC1147	Pre-Calculus Algebra & Trigonometry	5
	CHM1045	General Chemistry I	3
	CHM1045L	General Chemistry I Lab	1
Term 2	ENC1102	Composition II	3
	MAC2311	Calculus I	5
	CHM1046	General Chemistry II	3
	CHM1046L	General Chemistry II Lab	1
Term 3	BSC2010	Intro to Biology I	3
	BSC2010L	Intro to Biology Lab	1
	GE Course	General Education Humanities (Core)	3
Term 4	PHY2048	General Physics with Calculus I	4
	PHY2048L	General Physics with Calculus I Lab	1
	SPC1017 <u>OR</u>	Introduction to Speech Communications <u>OR</u>	3
	SPC1608	Introduction to Public Speaking	
	MAC2312	Calculus II	5
Term 5	GE Course	General Education Humanities	3
	PHY2049	General Physics with Calculus II	4
	PHY2049L	General Physics with Calculus II Lab	1
	GE Course	General Education Wellness	2
Term 6	GE Course	General Education Social Science	3
	GE Course	General Education Behavioral Science	3
<b>Total Program Credit Hours</b>			<b>60</b>

#### Additional Courses recommended as Pre-Requisites to transfer to Florida Colleges:

Course ID	Description	Credits
MAC2313	Calculus III	5
CHM2210	Organic Chemistry I	3
CHM2210L	Organic Chemistry I Lab	1

## Suggested Part-Time Course Sequence

Full Time	Course ID	Description	Credits
Term 1	ENC1101	Composition I	3
	MAC1147	Pre-Calculus Algebra & Trigonometry	5
Term 2	CHM1045	General Chemistry I	3
	CHM1045L	General Chemistry I Lab	1
Term 3	CHM1046	General Chemistry II	3
	CHM1046L	General Chemistry II Lab	1
	ENC1102	Composition II	3
Term 4	MAC2311	Calculus I	5
	BSC2010	Intro to Biology I	3
	BSC2010L	Intro to Biology Lab	1
Term 5	PHY2048	General Physics with Calculus I	4
	PHY2048L	General Physics with Calculus I Lab	1
	GE Course	General Education Humanities (Core)	3
Term 6	SPC1017 <u>OR</u>	Introduction to Speech Communications <u>OR</u>	3
	SPC1608	Introduction to Public Speaking	
	MAC2312	Calculus II	5
Term 7	PHY2049	General Physics with Calculus II	4
	PHY2049L	General Physics with Calculus II Lab	1
	GE Course	General Education Humanities	3
Term 8	GE Course	General Education Social Science	3
	GE Course	General Education Behavioral Science	3
	GE Course	General Education Wellness	2
<b>Total Program Credit Hours</b>			<b>60</b>

- Students must successfully meet the foreign language requirement as prescribed in the college's policies and procedures 6Hx2-4.22.
- 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](mailto:testingservices@broward.edu).
- Students may need to take MAC1105C or MAC1105 depending on placement score. There are testing options for placement higher than MAC1105(C), consult your academic advisor.
- Students must take ENC1101, ENC1102, and two additional writing credit courses (6 credits) to graduate.
- Students must take 3 credits of International/Intercultural coursework to graduate.
- Beginning Fall 2019, first-time in college students must demonstrate competency in civic literacy by passing either POS2041/AMH2020 or CLEP/AP credit.

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**