



Associate in Arts (AA) Biomedical Sciences Transfer Intent

This Program Map is Part of the **Science, Technology, Engineering, and Mathematics Pathway**

This Program Map is for students who plan to earn an AA degree at Polk State College and transfer to University of Central Florida and University of South Florida and earn a bachelor's degree in Biomedical Sciences. This Program Map is intended to serve as a guide, and students should always meet with their Student Success Advisor to develop a personalized Educational Plan.

Program Map for Students Attending Full-Time

Term	Course ID	Course Title	Credits
Term 1 12 Credits	SLS 1122	First-Year Experience	3 Credits
	ENC 1101	College Composition I	3 Credits
	MAC 1105	College Algebra (See Note 2 Below)	3 Credits
	Social Sciences	Social Sciences General Education Course	3 Credits
Term 2 13 Credits	ENC 1102	College Composition II	3 Credits
	CHM 1045C	General Chemistry I	4 Credits
	MAC 1114	Trigonometry (See Note 3 Below)	3 Credits
	HUM 2020	Introduction to Humanities	3 Credits
Term 3 7 Credits	CHM 1046C	General Chemistry II	4 Credits
	LIT 1000	Introduction to Literature	3 Credits
Term 4 15 Credits	BSC 1010C	Principles of Biology I	4 Credits
	MAC 1140	Precalculus Algebra (See Note 3 Below)	3 Credits
	Social Sciences	Social Sciences General Education Course	3 Credits
	CHM 2210C	Organic Chemistry I	5 Credits
Term 5 14 Credits	MAC 2311	Calculus I	5 Credits
	BSC 1011C	Principles of Biology II	4 Credits
	CHM 2211C	Organic Chemistry II	5 Credits
Term 6 4-5 Credits	PHY 2053C, or PHY 2048C	General Physics I, or General Physics I with Calculus	4-5 Credits
	Term 7 12-16 Credits	MAC 2312, or STA 2023	Calculus II, or Introduction to Probability and Statistics
PHY 2054C, or PHY 2049C		General Physics II, or General Physics II with Calculus	4-5 Credits
Humanities		Humanities General Education Course	3 Credits
Wellness		Wellness General Education Course	2-3 Credits

Total Credit Hours: 77-82

A Few Notes:

1. Students must meet all graduation requirements, including demonstrating proficiency in a foreign language. To learn more about graduation requirements, [please refer to the College Catalog](#). Some students must also demonstrate competency in civic literacy. To learn more about the civic literacy requirement, [please refer to the College Catalog](#).
2. Students must earn an appropriate score on a placement examination or complete MAT 1033 in order to enroll in MAC 1105.
3. Students who earn a grade of A or B in MAC 1105 are eligible to take MAC 1147 instead of MAC 1114 and MAC 1140.

CIP: 26.0102 - 2018-2019 Catalog Year



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Program Map for Students Attending Part-Time

Term	Course ID	Course Title	Credits
Term 1	SLS 1122	First-Year Experience	3 Credits
	MAC 1105	College Algebra (See Note 2 Below)	3 Credits
Term 2	ENC 1101	College Composition I	3 Credits
	CHM 1045C	General Chemistry I	4 Credits
Term 3	ENC 1102	College Composition II	3 Credits
	MAC 1140	Precalculus Algebra (See Note 3 Below)	3 Credits
Term 4	MAC 1114	Trigonometry (See Note 3 Below)	3 Credits
	CHM 1046C	General Chemistry II	4 Credits
Term 5	CHM 2210C	Organic Chemistry I	5 Credits
	HUM 2020	Introduction to Humanities	3 Credits
Term 6	LIT 1000	Introduction to Literature	3 Credits
	Social Sciences	Social Sciences General Education Course	3 Credits
Term 7	MAC 2311	Calculus I	5 Credits
	CHM 2211C	Organic Chemistry II	5 Credits
Term 8	PHY 2053C, or	General Physics I, or	4-5 Credits
	PHY 2048C	General Physics I with Calculus	
	MAC 2312, or	Calculus II, or	3-5 Credits
	STA 2023	Introduction to Probability and Statistics	
Term 9	PHY 2054C, or	General Physics II, or	4-5 Credits
	PHY 2049C	General Physics II with Calculus	
	Wellness	Wellness General Education Course	2-3 Credits
Term 10	BSC 1010C	Principles of Biology I	4 Credits
	Social Sciences	Social Sciences General Education Course	3 Credits
Term 11	BSC 1011C	Principles of Biology II	4 Credits
	Humanities	Humanities General Education Course	3 Credits

Total Credit Hours: 77-82

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- Students must earn an appropriate score on a placement examination or complete MAT 1033 in order to enroll in MAC 1105.
- Students who earn a grade of A or B in MAC 1105 are eligible to take MAC 1147 instead of MAC 1114 and MAC 1140.

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