



Associate in Arts (AA) Biology 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 most public universities in Florida and earn a bachelor’s degree in Biology. 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 14-15 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, or PHY 2053C	Organic Chemistry I, or General Physics I	4-5 Credits
Term 5 15-17 Credits	MAC 2311	Calculus I	5 Credits
	BSC 1011C	Principles of Biology II	4 Credits
	Wellness	Wellness General Education Course	2-3 Credits
	CHM 2211C, or PHY 2054C	Organic Chemistry II, or General Physics II	4-5 Credits
Term 6 6 Credits	STA 2023	Introduction to Probability and Statistics	3 Credits
	Humanities	Humanities General Education Course	3 Credits

Total Required Program Credit Hours: 60
Total Program Map Credit Hours: 67-70 (See Note 4 Below)

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.
4. The AA degree requires the completion of 60 credit hours, including 36 credit hours of General Education courses and 24 credit hours of elective courses. This transfer intent requires the completion of additional courses in order to meet all pre-requisites for admission into a bachelor’s degree program at a state university. These additional courses are in excess of required program



hours and may not be covered by financial aid. Students should speak to their Student Success Advisor for more information.

CIP: 26.0101 - 2019-2020 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
	ENC 1101	College Composition I	3 Credits
Term 2	MAC 1105	College Algebra (See Note 2 Below)	3 Credits
	ENC 1102	College Composition II	3 Credits
Term 3	CHM 1045C	General Chemistry I	4 Credits
	Social Sciences	Social Sciences General Education Course	3 Credits
Term 4	MAC 1114	Trigonometry (See Note 3 Below)	3 Credits
	HUM 2020	Introduction to Humanities	3 Credits
Term 5	CHM 1046C	General Chemistry II	4 Credits
	MAC 1140	Precalculus Algebra (See Note 3 Below)	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
	BSC 1010C	Principles of Biology I	4 Credits
Term 8	CHM 2210C, or	Organic Chemistry I, or	4-5 Credits
	PHY 2053C	General Physics I	
	BSC 1011C	Principles of Biology II	4 Credits
Term 9	STA 2023	Introduction to Probability and Statistics	3 Credits
	Humanities	Humanities General Education Course	3 Credits
Term 10	Wellness	Wellness General Education Course	2-3 Credits
	CHM 2211C, or	Organic Chemistry II, or	4-5 Credits
	PHY 2054C	General Physics II	

Total Required Program Credit Hours: 60

Total Program Map Credit Hours: 67-70 (See Note 4 Below)

A Few Notes:

- 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](#).
- 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.
- The AA degree requires the completion of 60 credit hours, including 36 credit hours of General Education courses and 24 credit hours of elective courses. This transfer intent requires the completion of additional courses in order to meet all pre-requisites for admission into a bachelor's degree program at a state university. These additional courses are in excess of required program



hours and may not be covered by financial aid. Students should speak to their Student Success Advisor for more information.

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Additional Information



Career Coach

Are you interested in learning more about the careers this program will prepare you for? If so, check out Career Coach. Career Coach provides information on job openings, wages, education requirements, required skills, and job postings. You can even complete a career assessment to find careers that match your interests. To learn more about the careers that this program will prepare you for, [please visit Career Coach](#).



University of South Florida Fuse

Students interested in this transfer intent may be eligible for the USF Fuse program. Fuse is a transfer program between the University of South Florida and Polk State College. This partnership provides a seamless academic pathway for students to complete their associate degree, which guarantees admission into specific majors at USF and promotes timely graduation. To be eligible, students must complete their AA degree within three years of high school graduation. To learn more about the Fuse program, [please click here](#).



Florida A&M University Ignite

Students interested in this transfer intent may be eligible for the FAMU Ignite Transfer program. Polk State College and Florida A&M University have partnered to create the Ignite Transfer Program. The Ignite Transfer Program guarantees admission to select FAMU programs to Polk State students who earn their Associate in Arts degree and complete all pre-requisite coursework. Ignite students also gain access to FAMU advisors to ensure that they're on track to meet all transfer requirements. To learn more about Ignite, please see a Student Success Advisor.



Polk State Pathways

Interested in exploring Program Maps for other programs and transfer intents at Polk State? Visit www.polk.edu/program-maps to view additional Pathways and Program Maps.

