



Associate in Arts (AA) Computer and Information Science 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 Computer and Information Science. 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
	CGS 1061	Introduction to Computers	3 Credits
Term 2 13 Credits	ENC 1102	College Composition II	3 Credits
	CHM 1045C, or BSC 1010C	General Chemistry I, or Principles of Biology I	4 Credits
	MAC 1114	Trigonometry (See Note 3 Below)	3 Credits
	COP 1000	Introduction to Programming	3 Credits
Term 3 6 Credits	HUM 2020	Introduction to Humanities	3 Credits
	MAC 1140	Precalculus Algebra (See Note 3 Below)	3 Credits
Term 4 13-14 Credits	Wellness	Wellness General Education Course	2-3 Credits
	MAC 2311	Calculus I	5 Credits
	COP 2224, or COP 2800	Programming in C++, or Programming Java	3 Credits
	Social Sciences	Social Sciences General Education Course	3 Credits
Term 5 16 Credits	MAC 2312	Calculus II	5 Credits
	PHY 2048C	General Physics I with Calculus	5 Credits
	Humanities	Humanities General Education Course	3 Credits
	Social Sciences	Social Sciences General Education Course	3 Credits
Term 6 8 Credits	PHY 2049C	General Physics II with Calculus	5 Credits
	LIT 1000	Introduction to Literature	3 Credits

Total Credit Hours: 68-69

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: 11.0101 - 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
	ENC 1101	College Composition I	3 Credits
Term 2	MAC 1105	College Algebra (See Note 2 Below)	3 Credits
	CGS 1061	Introduction to Computers	3 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
	COP 1000	Introduction to Programming	3 Credits
Term 5	CHM 1045C, or	General Chemistry I, or	4 Credits
	BSC 1010C	Principles of Biology I	
	MAC 2311	Calculus I	5 Credits
Term 6	Wellness	Wellness General Education Course	2-3 Credits
	HUM 2020	Introduction to Humanities	3 Credits
Term 7	COP 2224, or	Programming in C++, or	3 Credits
	COP 2800	Programming Java	
	MAC 2312	Calculus II	5 Credits
Term 8	Social Sciences	Social Sciences General Education Course	3 Credits
	PHY 2048C	General Physics I with Calculus	5 Credits
Term 9	Humanities	Humanities General Education Course	3 Credits
	Social Sciences	Social Sciences General Education Course	3 Credits
Term 10	PHY 2049C	General Physics II with Calculus	5 Credits
	LIT 1000	Introduction to Literature	3 Credits

Total Credit Hours: 68-69

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.

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