



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 Florida State University 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

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- 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](#).
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