# Computer and Information Science: MAC 1140 and MAC 1114 Option

A.A. (BACCALAUREATE TRANSFER) | Revised: August 29, 2022

#### 🗹 Task

Term

- Complete an Academic DegreePlan with your advisor.
- Follow up with an advisor about any accelerated credits that you may have earned (e.g., dual enrollment, AP, CLEP, etc.).
- Complete IDS 1107: Strategies for the Pursuit of Knowledge.
- Check transfer major prerequisites and required G.P.A. before 15 completed credit hours.
- Fulfill your civic literacy course requirement by taking either AMH 2020 or POS 2041 from Social and Behavioral Sciences Category A.
- Nisit an advisor for assistance with the next term's course selection and for guidance with prerequisite coursework.
  - Explore career resources at fscj.edu/student-services/careerdevelopment.
  - Review transfer major
    prerequisites and required G.P.A.
- Meet with an advisor to declare your intended baccalaureate transfer major and institution before 30 completed credit hours.
- Confirm that your prerequisite and elective choices as well as your
   G.P.A. satisfy transfer institution requirements.
- Ensure that you fulfill your foreign language requirement. Please see an advisor for individual guidance.
- Apply to transfer institutions two semesters early.
- E Attend a Graduation Check Workshop before 45 credit hours completed.

#### Advising

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(904) 646-2300 or <u>advising@fscj.edu</u>

### **Recommended Roadmap**

This academic roadmap provides general guidance about recommended courses and tasks for your **A.A. (Baccalaureate Transfer) Major in Computer and Information Science**. For specific guidance about your individual academic degree plan, please see an advisor. Also refer to the College Catalog for additional information. **Full-time students will refer to the term-by-term recommendations, and part-time students will take courses in the order listed.** 

#### Term 1

Ø	Course: Course Title	Credit Hours
	A.A. Elective/FYE Course: IDS 1107: Strategies for the Pursuit of Knowledge	3
	Communications Category A: ENC 1101: English Composition I or ENC 1101C: English Composition I Enhanced	3-4
	Mathematics Category A: MAC 1105: College Algebra (MAC 1140 and MAC 1114 Prerequisite)	3
	A.A. Elective/Transfer Prerequisite: COP 1000C: Introduction to Computer Programming (COP 2220C Prerequisite)	3

#### Term 2

Ø	Course: Course Title	Credit Hours
	Communications Category B: ENC 1102: Writing About Texts	3
	Social and Behavioral Sciences Category A: Choose a course from Social and Behavioral Sciences Category A in the Catalog	3
	Mathematics Category A: MAC 1140: Precalculus Algebra (MAC 2311 Prerequisite)	4
	A.A. Elective/Transfer Prerequisite: COP 2220C: C Programming	3

#### Term 3

Ø	Course: Course Title	Credit Hours
	Communications Category C: Choose a Speech course from Communications Category C in the Catalog	3
	Social and Behavioral Sciences Category B, C, or D: Choose a course from Social and Behavioral Sciences Category B, C, or D in the Catalog	3
	A.A. Elective: MAC 1114: College Trigonometry (MAC 2311 Prerequisite)	3
	A.A. Elective/Transfer Prerequisite: Science Course for Science Majors (Choose a BSC XXXX course.)	3-4

#### Term 4

Ø	Course: Course Title	Credit Hours
	Humanities Category A: Choose a course from Humanities Category A in the Catalog	3
	Social and Behavioral Sciences Category B, C, or D: Choose a course from Social and Behavioral Sciences Category B, C, or D in the Catalog	3
	A.A. Elective/Transfer Prerequisite: MAC 2311: Calculus With Analytic Geometry I (MAC 2312 Prerequisite)	4
	A.A. Elective: Transfer Prerequisite: Science Course for Science Majors (Choose a BSC XXXX course.)	3-4



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## Important for You to Know

FREE tutoring is available to FSCJ students in English, math, and a variety of other subjects. To learn more, please visit the Library and Learning Commons online.

This academic roadmap does not include developmental education courses in reading, writing, and/or mathematics that you may be required to take. In addition, it does not include MAT 1033: Intermediate Algebra, which, for many students, is a prerequisite course for MAC 1105. Students who wish to receive additional support with algebra may opt to take MAC 1105C: College Algebra Enhanced (5 credits). Please consult with an advisor for individual assistance.

For students who earned a "B" or higher in MAC 1105 and who satisfactorily completed high school trigonometry, the course MAC 1147: Precalculus Algebra and Trigonometry may also be used as the MAC 2311 prerequisite.

Students are required to take one HUM-prefix course. In addition, at least one course must come from the State Core (denoted with \* in the College Catalog).

Students who enter a Florida College System institution in academic year 2014-2015 (and thereafter) must demonstrate competency in a foreign language (Florida Statute 1007.25). Students can demonstrate the required competency in one of three ways:

- Earning two high school credits in the same foreign language;
- Completing a sequence of two collegecredit courses in a single foreign language;
- Achieving the required level on a language proficiency exam from the American Council for the Teaching of Foreign Languages (ACTFL).

College-level foreign language courses count as A.A. electives and are applied toward your twenty-four hours of required A.A. electives.

Prior to the award of an associate in arts degree, students initially entering a Florida College System institution in the 2021-22 academic year, and thereafter, must demonstrate competency in civic literacy by successfully completing one of two civic literacy courses with a "C" or higher AND by achieving the standard score on one of four approved assessments before graduation (section 1007.25(4), Florida Statutes, and Rule 6A-10.02413, Florida Administrative Code).

#### Term 5

Ø	Course: Course Title	Credit Hours
	Humanities Category A or B: Choose a course from Humanities Category A or B in the Catalog	3
	A.A. Elective/Transfer Prerequisite: MAC 2312: Calculus with Analytic Geometry II (MAC 2313 Prerequisite)	4
	Natural Sciences Category B/Transfer Prerequisite: PHY 2048C: Physics I With Calculus (PHY 2049C Prerequisite)	4

#### Term 6

Ø	Course: Course Title	Credit Hours
	A.A. Elective: MAC2313: Calculus With Analytic Geometry III	4
	Natural Sciences Category B/Transfer Prerequisite: PHY 2049C: Physics II with Calculus	4

### **Total Program Credit Hours**

This A.A. (Baccalaureate Transfer) roadmap, which may include transfer prerequisites, consists of 69-72 credit hours. Total program hours may vary based on the student's individual degree plan. Please see an advisor for individual guidance.