Undergraduate Major Map

Catalog Year	2022
College / School	Engineering
Major	Computer Science - BA
Track / Concentration	Computer Science - BA Online
Career Path	Two Year Transfer

Fall Term 2022

This 2-Year plan assumes student has completed an Associates of Arts Degree from a Florida Public Institution as well as the following prerequisite courses for the major: (MAC1140 or MAC1147 or MAC2233 or a higher level math course) and STA2023. If not please speak with an advisor.

** Student is strongly encouraged to do an internship before the start of the student's last year. Please contact STEM coordinator for more information. **

Term Hours: 13
Cum GPA: 2

Course Group	Course Required	Course Description	Credit Hours	Course Notes
Computer Programming I	COP 2210	Programming I	4	
Core Courses	ENC 3249	Prof Tech Writing Comp	3	or ENC3213-Professional & Technical Writing
Interdisciplinary Courses			3	Course must meet requirement towards a minor or certificate outside SCIS. Could satisfy one GL course. (1) (A) See Endnotes
Discrete Mathematics	COT 3100	Discrete Structures	3	

Spring Term 2023

** Student is strongly encouraged to do an internship before the start of the student's last year. Please contact STEM coordinator for more information if you have not done it yet. **

Term Hours: 12
Cum GPA: 2

Course Group	Course Required	Course Description	Credit Hours	Course Notes
Core Courses	CGS 3095	Technology in the Global Arena	3	Satisfies Discipline Specific GL requirement. (1) See Endnotes
Core Courses	COP 3337	Programming II	3	
Interdisciplinary Courses			3	Course must meet requirement towards a minor or certificate outside SCIS. (A) See Endotes
Interdisciplinary Courses			3	Course must meet requirement towards a minor or certificate outside SCIS. (A) See Endotes

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Summer Term 2023 ** Student should be doing an internship this summer term. Please contact STEM coordinator for help. **	**Term Hours:** 9 **Cum GPA:** 2

Course Group	Course Required	Course Description	Credit Hours	Course Notes
Core Courses	COP 3530	Data Structures	3	
Core Courses	CDA 3102	Computer Architecture	3	Computer Science Elective. See PDA for list of options or talk to an advisor for other options. (B) See Endnotes
Computer Science Electives			3	See PDA for list of elective courses or talk to an advisor for other options. (B) See Endnotes

Fall Term 2023	**Term Hours:** 9 **Cum GPA:** 2

Course Group	Course Required	Course Description	Credit Hours	Course Notes
Core Courses	CDA 4101	Structure Comp Org	3	
Core Courses	COP 4338	Systems Programming	3	
Computer Science Electives			3	Computer Science Elective. See PDA for list of options or talk to an advisor for other options. (B) See Endnotes
Computer Science Electives			0	

Spring Term 2024	**Term Hours:** 14 **Cum GPA:** 2

Course Group	Course Required	Course Description	Credit Hours	Course Notes
Core Courses	COP 4610	Operating Syst Princ	3	
Computer Science Electives			3	See PDA for list of elective courses or talk to an advisor for other options. (B) See Endnotes
Computer Science Electives			3	See PDA for list of elective courses or talk to an advisor for other options. (B) See Endnotes
Computer Science Electives			3	See PDA for list of elective courses or talk to an advisor for other options. (B) See Endnotes
Additional Electives			2	See advisor for list of courses See advisor for list of courses

General Requirements

2 Year plan assumes student has completed an Associates of Arts Degree from a Florida Public Institution as well as the following prerequisite courses for the major: MAC1140 and STA2023.

Critical Indicator is the minimum grade indicated in specific courses to demonstrate proficiency and progress in

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major. Earning less than the minimum grade is a trigger for a conversation with advisor.

GENERAL UNIVERSITY REQUIREMENTS

Transfer students are assumed to have completed an Associates of Arts Degree from a Florida Public Institution or completed 60 credits and the University Core Curriculum Requirements.

In addition, the following courses are required of incoming transfer students:

(1) Global Learning Requirement for Transfers: Transfers entering FIU Fall 2011 or later are required to take two Global Learning courses.

Those who meet University Core Curriculum Requirements prior to entering FIU:
- Two Global Learning Discipline Specific Courses (One of the two may be a Global Learning Foundation Course chosen in consultation with your advisor)

Those who do not meet University Core Curriculum Requirements prior to entering FIU:
- One Global Learning Foundation Course (from the University Core Curriculum)
- One Global Learning Discipline Specific Course

Transfer courses may not be used to meet the FIU Global Learning Requirement. For a list of Global learning courses visit http://goglobal.fiu.edu.

COLLEGE OF ENGINEERING AND COMPUTING: Selected Major Requirements

Grades: Students must earn a minimum grade of 'C' in all math and all core courses and maintain a minimum of a 2.0 cumulative GPA.

(A) Interdisciplinary Credits: Nine credits must be taken outside SCIS. These credits must be selected from the courses for a minor or certificate in another discipline. All nine credits must be applicable to the same minor or certificate.

(B) CS Electives: students must take three Computer Science elective courses. Please see Panther Degree Audit for list of options or talk to an advisor.

This document only lists SELECTED requirements. See your Panther Degree Audit for a full list of the College of Engineering and Computing, and major requirements at http://my.fiu.edu