

## Undergraduate Major Map

**Catalog Year** 2020  
**College / School** Engineering  
**Major** Information Technology - BS  
**Track / Concentration** Software  
**Career Path** Two Year Transfer

### Fall Term 2020

**Term Hours:** 15  
**Cum GPA:** 2.2

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: CGS 2518 or CGS 2060 or CGS 2100; PSY 2012 or DEP2000 or CLP1006; MAD 2104; MAC 1105 and MAC 1114, or MAC1140, or a higher level math course like MAC1147 or MAC2233 or MAC2311; COP2210 (see endnotes). If not please speak with an advisor.

\*\* Student is strongly encouraged to do an internship. Please contact STEM coordinator for more information

Course Group	Course Required	Course Description	Credit Hours	Critical Indicator	Course Notes
IT Software Track Core Courses	CEN 3721	Intro Human-Comp Interaction	3		
IT Software Track Core Courses	CGS 3767	Computer Os	3		
IT Software Track Core Courses	COP 3337	Programming II	3		
Professional and Technical Writing	ENC 3213	Prof and Tech Writing	3		or ENC 3249
General Electives			3		Contact Advisor for list of approved Global Learning (GL) Courses. (1) See Endnotes

### Spring Term 2021

**Term Hours:** 15  
**Cum GPA:** 2.2

\*\*Student is strongly encouraged to do an internship. Please contact STEM coordinator for more information if you have not done it yet.

Course Group	Course Required	Course Description	Credit Hours	Critical Indicator	Course Notes
IT Software Track Core Courses	CGS 3095	Technology in the Global Arena	3		Satisfies GL Discipline Specific Requirement. (1) See Endnotes
IT Software Track Core Courses	CGS 4285	Appl Networking	3		
IT Software Track Core Courses	CGS 4854	Websitecongmt	3		
IT Software Track Core Courses	COP 4703	Info Retrieval	3		
Interdisciplinary Study			3		Course must meet requirement towards a Minor OR a Certificate Outside SCIS. (A) See Endnotes

## Undergraduate Major Map

### Summer Term 2021

**Term Hours:** 3

\*\* Student should be doing an Internship this summer term. Please contact STEM coordinator for help.

Use this semester to catch up on coursework (if needed).

Course Group	Course Required	Course Description	Credit Hours	Critical Indicator	Course Notes
General Electives			3		Could Register COP 3949 Internship Course for 3 Credits

### Fall Term 2021

**Term Hours:** 15  
**Cum GPA:** 2.2

If you have any questions you may contact your advisor through the dashboard.

Course Group	Course Required	Course Description	Credit Hours	Critical Indicator	Course Notes
IT Software Track Core Courses	CDA 3103	Fund Computer System	3		
IT Software Track Core Courses	CNT 4403	Computer Security	3		
IT Software Track Core Courses	COP 3530	Data Structures	3		
IT ELECTIVES			3		Selected Concentration Area - Course 1. See PDA for options or speak to advisor for clarification. (B) See Endnotes.
Interdisciplinary Study			3		Course must meet requirement towards a Minor OR a Certificate Outside SCIS. (A) See Endnotes

### Spring Term 2022

**Term GPA:** 2  
**Term Hours:** 12

If you have any questions you may contact your advisor through the dashboard.

Course Group	Course Required	Course Description	Credit Hours	Critical Indicator	Course Notes
IT Software Track Core Courses	COP 4338	Systems Programming	3		
IT Software Track Core Courses	COP 4814	Compon Software Dev	3		
Interdisciplinary Study			3		Course must meet requirement towards a Minor or Certificate Outside SCIS. (A) See Endnotes
IT ELECTIVES			3		Selected Concentration Area - Course 2. See PDA for options or speak to advisor for clarification. (B) See Endnotes

## 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: CGS 2518 or CGS 2060 or CGS 2100; PSY 2012 or DEP2000 or CLP1006; MAD 1100; MAC 1105 and MAC 1114, or MAC1140, or a higher level math course like MAC1147, MAC2233 or MAC2311; COP2210 or COP2250.

## Undergraduate Major Map

---

\*Critical Indicator is the minimum grade indicated in specific courses to demonstrate proficiency and progress in 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: <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 major 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 taken from the same minor or certificate.

(B) IT Electives: Students must take 5 elective courses. Select two areas of concentration and take at least two courses in those two selected areas (e.g. System Administration; Network Administration; Database Administration; Application Development). The fifth course may be selected from any area of concentration

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