

## Undergraduate Major Map

Catalog Year: 2020  
College / School: Engineering  
Major: Information Technology - BA  
Track / Concentration: Information Technology Online  
Career Path: Two Year Transfer

### Fall Term 2020

Term Hours: 9  
Cum GPA: 2.2

This major is designed to be declared as a second major or as a second degree. Student must either have a primary major or have already earned a bachelor's degree or higher, must have met all the University Core Curriculum requirements, completed 60 semester hours, and the following prerequisite courses for the major: CGS 2518 OR CGS 2060 OR CGS 2100; COP 2250 OR COP 2210; MAD 1100

Course Group	Course Required	Course Description	Credit Hours	Critical Indicator	Course Notes
IT Core Courses	CEN 3721	Intro Human-Comp Interaction	3		
IT Core Courses	CGS 3767	Computer Os	3		
IT Core Courses	COP 3804	Intermediate Java	3		

### Spring Term 2021

Term Hours: 9  
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 Core Courses	CGS 4285	Appl Networking	3		
IT Core Courses	CGS 4854	Websitecongmt	3		
IT Core Courses	COP 4703	Info Retrieval	3		

### Summer Term 2021

Cum GPA: 2.2

Use this Semester to catch up on coursework if necessary. If you have any questions you may contact your advisor through the dashboard.

### Fall Term 2021

Term GPA: 2.2  
Term Hours: 6

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 Electives			3		(A) See Endnotes
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Spring Term 2022					Term GPA:	2
If you have any questions you may contact your advisor through the dashboard.					Term Hours:	6
Course Group	Course Required	Course Description	Credit Hours	Critical Indicator	Course Notes	
Cognate Electives			3		(B) See Endnotes	
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### General Requirements

This plan assumes the student either has a primary major or has already earned a bachelor's or higher degree, has met all the University Core Curriculum requirements, has completed 60 semester hours, and the following prerequisite courses for the major: CGS 2518 OR CGS 2060 OR CGS 2100; COP 2250 OR COP2210; MAD 1100.

\*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 a bachelor or higher degree.

#### COLLEGE OF ENGINEERING AND COMPUTING: Selected Major Requirements

GRADES: The B.A. in Information Technology degree as a second major requires completion of prerequisite courses and 30 credit hours (10 courses) of required and elective courses as outlined above. All core courses must be completed with a grade of 'C' or better.

(A) IT Electives: All students must complete two elective courses from the following list:

- CIS 4431-IT Automation
- CIS 4365-Enterprise Cybersecurity
- CNT 4403-Computer and Network Security
- CNT 4504-Network Administration
- CNT 4513-Data Communications
- CNT 4603-System Admin & Maintenance
- CNT 4182-Mobile & IoT Security
- COP 4005-Windows Programming for IT
- COP 4408-DB Admin
- COP 4655-Mobile Application Development
- COP 4722-DB Survey
- COP 4813-Web Application Programming
- COP 4814-Component Based Development
- CTS 4348-Unix Admin

(B) Cognate Elective Courses: All students must complete two additional elective courses.

- Students who are completing their first major concurrent with their IT degree must choose their cognate elective

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courses from a list of designated courses from the department of their primary major, with the approval of an IT adviser.

- Students who have received their first bachelor degree prior to enrolling in the IT program must instead choose two additional courses from the list of IT elective courses.

This document only lists SELECTED requirements. See your Panther Degree Audit for a full list of College of Engineering and Computer Science and major requirements at <http://my.fiu.eduCTS> 4348 Unix Admin

\* Note B - Cognate Elective Courses: All students must complete two additional elective courses.

- Students who are completing their first major concurrent with their IT degree must choose their cognate elective courses

from a list of designated courses from the department of their primary major, with the approval of an IT adviser.

- Students who have received their first BA degree prior to enrolling in the IT program must instead choose an additional

two courses from the list of IT elective courses.

This document only lists SELECTED requirements. See your Panther Degree Audit for a full list of College of Engineering and

Computer Science and major requirements at <http://my.fiu.edu>