# Undergraduate Major Map

## Catalog Year
2019

## College / School
Engineering

## Major
Information Technology - BA

## Track / Concentration
Two Year Transfer

### Fall Term 2019
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

<table>
<thead>
<tr>
<th>Course Group</th>
<th>Course Required</th>
<th>Course Description</th>
<th>Credit Hours</th>
<th>Critical Indicator</th>
<th>Course Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>IT Core Courses</td>
<td>CEN 3721</td>
<td>Intro Human-Comp Interaction</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>IT Core Courses</td>
<td>CGS 3767</td>
<td>Computer Os</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>IT Core Courses</td>
<td>COP 3804</td>
<td>Intermediate Java</td>
<td>3</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Term Hours: 9
Cum GPA: 2.2

### Spring Term 2020
If you have any questions you may contact your advisor through the dashboard.

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<tr>
<td>IT Core Courses</td>
<td>CGS 4285</td>
<td>Appl Networking</td>
<td>3</td>
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<tr>
<td>IT Core Courses</td>
<td>CGS 4854</td>
<td>Websiteconmgmt</td>
<td>3</td>
<td></td>
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<tr>
<td>IT Core Courses</td>
<td>COP 4703</td>
<td>Info Retrieval</td>
<td>3</td>
<td></td>
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</tr>
</tbody>
</table>

Term Hours: 9
Cum GPA: 2.2

### Summer Term 2020
Use this Semester to catch up on coursework if necessary. If you have any questions you may contact your advisor through the dashboard.

Cum GPA: 2.2

### Fall Term 2020
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<td>IT Electives</td>
<td></td>
<td></td>
<td>3</td>
<td></td>
<td>(A) See Endnotes</td>
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Spring Term 2021
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<tbody>
<tr>
<td>Cognate Electives</td>
<td></td>
<td></td>
<td>3</td>
<td>(B) See Endnotes</td>
<td></td>
</tr>
<tr>
<td>Cognate Electives</td>
<td></td>
<td></td>
<td>3</td>
<td>(B) See Endnotes</td>
<td></td>
</tr>
</tbody>
</table>

Term GPA: 2
Term Hours: 6

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
Undergraduate Major Map

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.edu

* 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