Undergraduate Major Map

Catalog Year         2016
College / School     Engineering
Major                Information Technology - BS
Track / Concentration Software
Career Path          Two Year Transfer

** Fall Term 2016 **

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 1100; MAC 1105 and MAC 1114, or MAC1140, or a higher level math course like MAC1147, 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. **

<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 Software Track Core Courses</td>
<td>CEN 3721</td>
<td>Human-Computer Interaction</td>
<td>3</td>
<td></td>
<td></td>
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<tr>
<td>IT Software Track Core Courses</td>
<td>CGS 3767</td>
<td>Computer Os</td>
<td>3</td>
<td></td>
<td></td>
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<tr>
<td>IT Software Track Core Courses</td>
<td>COP 3337</td>
<td>Programming II</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>IT Software Track Core Courses</td>
<td>ENC 3213</td>
<td>Prof and Tech Writing</td>
<td>3</td>
<td>Or ENC3249</td>
<td></td>
</tr>
<tr>
<td>General Electives</td>
<td></td>
<td></td>
<td>3</td>
<td></td>
<td>Contact advisor for list of approved Global Learning (GL) courses. (1) See endnotes</td>
</tr>
</tbody>
</table>

** Spring Term 2017 **

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. **

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<tr>
<td>IT Core Courses</td>
<td>CGS 3095</td>
<td>Technology in the Global Arena</td>
<td>3</td>
<td></td>
<td>Satisfies Discipline Specific GL requirement. (1) See endnotes</td>
</tr>
<tr>
<td>IT Software Track Core Courses</td>
<td>CGS 4285</td>
<td>Appl Networking</td>
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<tr>
<td>IT Software Track Core Courses</td>
<td>CGS 4854</td>
<td>Websiteconmgmt</td>
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<tr>
<td>IT Software Track Core Courses</td>
<td>COP 4703</td>
<td>Info Retrieval</td>
<td>3</td>
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<tr>
<td>Interdisciplinary Study</td>
<td></td>
<td></td>
<td>3</td>
<td></td>
<td>Course must meet requirement towards a minor or a certificate outside SCIS. (A) See endnotes</td>
</tr>
</tbody>
</table>
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**Summer Term 2017**
**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).

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<tr>
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<th>Course Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Electives</td>
<td></td>
<td></td>
<td>3</td>
<td></td>
<td>Could register COP3949-Internship course for 3 credits</td>
</tr>
</tbody>
</table>

**Fall Term 2017**
**Term Hours:** 15
**Cum GPA:** 2.2
If you have any questions you may contact your advisor through the dashboard.

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<tr>
<td>IT ELECTIVES</td>
<td></td>
<td></td>
<td>3</td>
<td></td>
<td>See PDA for options or speak to advisor for clarification. (B) See endnotes</td>
</tr>
<tr>
<td>IT Software Track Core Courses</td>
<td>CDA 3103</td>
<td>Fund Computer System</td>
<td>3</td>
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<tr>
<td>IT Software Track Core Courses</td>
<td>COP 3530</td>
<td>Data Structures</td>
<td>3</td>
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<tr>
<td>IT Software Track Core Courses</td>
<td>CNT 4403</td>
<td>Computer Security</td>
<td>3</td>
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</table>

**Spring Term 2018**
**Term GPA:** 2
**Term Hours:** 12
If you have any questions you may contact your advisor through the dashboard.

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<tr>
<td>IT Software Track Core Courses</td>
<td>COP 4338</td>
<td>Programming III</td>
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<tr>
<td>IT Software Track Core Courses</td>
<td>COP 4814</td>
<td>Compon Software Dev</td>
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<td></td>
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**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.

*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: 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: Six credits of electives are required in one area of concentration (e.g. System Administration; Network Administration; Database Administration; Application Development).

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.