



**DO NOT TYPE IN THIS BOX**

Bulletin #: 5  
Academic Year: 2020-21

# FLORIDA INTERNATIONAL UNIVERSITY UNDERGRADUATE PROGRAM PROPOSAL

## Changes to an Undergraduate Minor

### **INSTRUCTIONS:** Please Type. Fill out this form **completely**.

School/College Engineering and Computing

Div./Dept. Knight Foundation School of Computing and Information Sciences

Minor Name: Computer Science

Degree Name: \_\_\_\_\_  Not Applicable

B.A.       B.S.       Other Bachelor's \_\_\_\_\_

Proposed Implementation Date: Fall 2021

### **PROPOSAL REQUESTED BY:**

Faculty Contact \_\_\_\_\_ / \_\_\_\_ /20\_\_\_\_  
(Type Name) (Signature)

\_\_\_\_\_  
(Email address) (Phone Number)

Chair (Dept./Div.) \_\_\_\_\_ / \_\_\_\_ /20\_\_\_\_  
(Type Name) (Signature)

Chair (Curr. Comm.) \_\_\_\_\_ / \_\_\_\_ /20\_\_\_\_  
(Type Name) (Signature)

College/School Dean (see previously submitted signature page) 03 / 02 /20 21  
(Type Name) (Signature)

**NO HEARING REQUIRED. PLEASE SUBMIT ORIGINAL FORM.**



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Bulletin #: 5  
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# FLORIDA INTERNATIONAL UNIVERSITY UNDERGRADUATE PROGRAM PROPOSAL

## Changes to an Undergraduate Degree Program

**INSTRUCTIONS:** Please Type. Fill out this form **completely**.

School/College Engineering and Computing

Div./Dept. SCIS

Degree Title: Computer Science Minor

B.A.     B.S.     Other Bachelor's \_\_\_\_\_

Proposed Implementation Date: 8/23/21

**PROPOSAL REQUESTED BY:**

Faculty Contact Trevor Cickovski

(Type Name)

(Signature)

2 / 9 /20 21

tcickovs@fiu.edu

(Email address)

(Phone Number)

305-348-8043

Chair (Dept./Div.) \_\_\_\_\_

Jason Liu

(Type Name)

(Signature)

2 / 9 /20 21

Chair (Curr. Comm.) \_\_\_\_\_

Wei-Chiang Lin

(Type Name)

(Signature)

2 / 10 /20 21

College/School Dean \_\_\_\_\_

(Type Name)

(Signature)

2 / 15 /20 21

**NO HEARING REQUIRED. PLEASE SUBMIT ORIGINAL FORM.**

**DO NOT TYPE IN THIS BOX**

Bulletin #: \_\_\_\_\_

Academic Year: \_\_\_\_\_

## **CHANGES TO AN UNDERGRADUATE MINOR**

PLEASE SUBMIT THIS CHECK LIST WITH THIS PROPOSAL

**Please fill out the coversheet in its entirety.**

**The proposal must include the following elements using the current undergraduate catalog:**

- I. List old Minor prescribed courses, other requirements, credits and page number (left column)
- II. List new Minor prescribed courses, other requirements and credits (**right column in red**)
- III. Include a brief rationale for the change

### **CHECK LIST - Check only those that apply**

- |  | <b>Yes</b>                          | <b>No</b>                |
|--|-------------------------------------|--------------------------|
| 1. Do all courses exist in the current catalog?  | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. If courses are not in the current catalog, are they proposed in the same Curriculum Committee Bulletin as this proposal?  | <input type="checkbox"/>            | <input type="checkbox"/> |
| 3. If courses are not in the current catalog or proposed in this same Bulletin, were they approved in a previous curriculum bulletin?  | <input type="checkbox"/>            | <input type="checkbox"/> |
| If yes, attach a separate sheet indicating each course number, name, Bulletin number and Bulletin date.  |                                     |                          |
| If the answers to 1, 2, and 3 are no, do not submit the proposal. Address the course issues first.   |                                     |                          |
| 4. Do courses listed have the correct course prefixes, official titles, course numbers and number of credits?  | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 5. Do course descriptions match the existing catalog or proposed course descriptions?  | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 6. Are all courses to be added or changed taught in the same proposing department?   | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 7. Are courses to be deleted taught in the same proposing department?  | <input type="checkbox"/>            | <input type="checkbox"/> |
| If the answer to #6 or #7 is no, do you have the written approval/ acknowledgement of the other department(s)? (You must have written approval before submitting this document.) |                                     |                          |
|  | <input type="checkbox"/>            | <input type="checkbox"/> |
| 8. The written approval(s)/acknowledgment(s) must be attached.   |                                     |                          |

# Degree Change Request: Minor in Computer Science

Rationale for Changes: We would like the course CAP-4104 to count towards the minor in Computer Science, as it will bring exposure to important topics involving user interfaces, behavior-based models, and the opportunity to collaborate on a collaborative team project.

Old (Degree Program)	New (Degree Program)
<p><b>Minor in Computer Science</b></p> <p>A minor program is an arrangement of courses enabling a student to develop a degree of expertise and knowledge in an area of study in addition to his or her major academic program of study. A student with a major that has a significant overlap with Computer Science must first obtain permission from a CS advisor.</p> <p><b>Required Courses</b></p> <p>CDA 3102      Computer Architecture 3</p> <p>COP 2210      Computer Programming I 4</p> <p>COP 3337      Computer Programming II 3</p> <p>Plus two from the following list:</p> <p>CAP 4770      Introduction to Data Mining 3</p> <p>CEN 4010      Software Engineering I 3</p> <p>CNT 4713      Net-centric Computing 3</p> <p>COP 3530      Data Structures 3</p> <p>COP 4226      Advanced Windows Programming 3</p> <p>COP 4338      Systems Programming 3</p> <p>COP 4520      Introduction to Parallel Computing 3</p> <p>COP 4555      Principles of Programming Languages 3</p> <p>COP 4604      Advanced Unix Programming 3</p> <p>COP 4710      Database Management 3</p> <p>COT 3541      Logic for Computer Science 3</p>	<p><b>Minor in Computer Science</b></p> <p>A minor program is an arrangement of courses enabling a student to develop a degree of expertise and knowledge in an area of study in addition to his or her major academic program of study. A student with a major that has a significant overlap with Computer Science must first obtain permission from a CS advisor.</p> <p><b>Required Courses</b></p> <p>CDA 3102      Computer Architecture 3</p> <p>COP 2210      Computer Programming I 4</p> <p>COP 3337      Computer Programming II 3</p> <p>Plus two from the following list:</p> <p><u>CAP 4104</u>      <u>Human Computer Interaction 3</u></p> <p>CAP 4770      Introduction to Data Mining 3</p> <p>CEN 4010      Software Engineering I 3</p> <p>CNT 4713      Net-centric Computing 3</p> <p>COP 3530      Data Structures 3</p> <p>COP 4226      Advanced Windows Programming 3</p> <p>COP 4338      Systems Programming 3</p> <p>COP 4520      Introduction to Parallel Computing 3</p> <p>COP 4555      Principles of Programming Languages 3</p> <p>COP 4604      Advanced Unix Programming 3</p> <p>COP 4710      Database Management 3</p> <p>COT 3541      Logic for Computer Science 3</p>
<p>Students should ensure that he or she has the necessary prerequisites for the chosen courses. At least nine of the credits for the minor must be taken from SCIS. Four of</p>	<p>Students should ensure that he or she has the necessary prerequisites for the chosen courses. At least nine of the credits for the minor must be taken from SCIS. Four of</p>

the minor courses cannot be courses that may be applied to the major program of the student.	the minor courses cannot be courses that may be applied to the major program of the student.
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