

Instructions for Minor Revisions:

- Complete this form when the proposed changes will impact the words, numbers, or symbols as presented in the current catalog copy (often referred to as “changing the footprint of the catalog”).
- Catalog copy is available at <http://www.fgcu.edu/catalog/>. Under the “Academic Programs” tab select Minors. Select the Minor to be edited. Select “Print Program Details” in the upper left corner. Copy and paste catalog copy into a Word document. Turn on the tracking function (be sure that both additions and deletions appear in the tracking). Update the catalog year and make edits. Save the document as a Word file.
- When the proposed changes are approved by the College Curriculum Team, the College Administrator will send the following to Lucero Carvajal in Academic and Curriculum Support (ACS) no later than **May 31** for review by the University Undergraduate Curriculum Team (UUCT).
 - An electronic MS Word version of the **tracked** catalog via email.
 - A color hard copy of the Minor Revision Proposal with appropriate signatures via campus mail.
 - An electronic MS Word version of the minor curriculum map via email (please refer to question #13 below for further explanation).
- If changes are for courses only and there is no impact to the catalog copy, this revision form is not necessary. When these “**stand-alone**” courses have been approved by the College Curriculum Team and noted in CMS, the CMS College Administrator should send a list to Lucero Carvajal in ACS. The same May 31 deadline applies.
- All changes to courses are completed via the Curriculum Management System (CMS) <https://midas.fgcu.edu/acadaff/scns/default.asp>
- **Reminder:** The prefix/number for a new course is handled one way in the catalog copy and another in CMS. In the catalog copy, identify a new course with the suggested title, suggested prefix and course level, plus XXX (e.g, ART 4XXX). When final approval for the course prefix/number is received from Statewide Course Numbering System, the catalog copy will be updated. In CMS, a new course is requested by entering the suggested title and suggested prefix/number with no XXX. See instructions in CMS for selecting an appropriate suggested prefix/number.

1. Minor Title:**Computer Science**2. Contact person: Huzefa KagdiCollege: WCEDepartment/School: Software EngineeringTelephone: 239-44663. Briefly describe the proposed revision(s).

Two courses have title changes and two courses are replaced. One out of two classes will be required.

COP 2006 and COP 3003 have title changes (due to major revisions to BS in Software Engineering)

COP 2001 and CEN 3031 are removed from the minor in Computer Science requirements:

- COP 2001 is no longer required for BS in Software Engineering from Fall 2021 (due to major revisions to BS in Software Engineering). That is, it may not be offered frequently.
- CEN 3031 have changes to prerequisites (due to major revisions to BS in Software Engineering)

MAD 3107 and COP 3530 are added to the minor in Computer Science requirements.

Either CDA 3200 or CDA 3104 will be required instead of CDA 3104 being the only requirement. That is, students would have to complete either CDA 3104 or CDA 3200.

4. Effective date: Fall 2021

Changes are effective in the fall of the year. Exceptions are approved only in unusual circumstances with adequate justification.

5. Briefly explain the rationale for the proposed revision to include its educational and occupational goals.

Link the proposed revision to assessment and institutional effectiveness activities (feedback from students, market demands, program evaluation, resource allocation, etc.). Provide three years of data.

The minor in Computer Science needs to be revised due to major changes in BS in Software Engineering from Fall 2021. The changes in course titles and prerequisites trigger changes to the Computer Science minor. Also, COP 2001 will not be required for BS in Software Engineering as per the major revision proposal for Fall 2021.

6. Describe additional library resources needed to support this revision? Explain rationale for response, even if answer is None.

None

7. Describe additional faculty resources needed to support this revision? Explain rationale for response, even if answer is None.

None

8. Describe additional technology, facility, laboratory, or other resources needed to support this revision? Explain rationale for response, even if answer is None.

None

9. What impact will the proposed revision have on other colleges, units, or programs?

Please search current online catalog to determine if other colleges, units, or programs use courses that are part of this proposal and need to be notified of any changes.

10. New courses:

No new courses are required.

New courses are needed. List prefix/number/title below. Complete a Course Add Form for each from the Curriculum Management System - <https://midas.fgcu.edu/acadaff/scns/>.

11. Change to existing courses:

No existing courses are being changed.

Existing courses are being changed. List prefix/number/title below. Complete a Course Change Form for each from the Curriculum Management System - <https://midas.fgcu.edu/acadaff/scns/>

A CMS form submitted for CDA 3104 Computer Org'n * & Assem Lang Prog

Other CMS forms submitted with the major change for BS in Software Engineering

12. Termination of existing courses:

No existing courses are being deleted from the FGCU course inventory.

Courses are being terminated. List prefix/number/title below. Complete a Course Terminate Form for each course from the Curriculum Management System - <https://midas.fgcu.edu/acadaff/scns/>.

13. What impact will the proposed revision have on the progression or sequencing of courses in this Minor?

Please provide evidence, with an electronic MS Word version, in the form of a Minor curriculum map, a listing of required and restricted elective courses in the Minor and **their prerequisites** or other form appropriate for your Minor (consult with College Curriculum Team Chair for additional information).

- COP 1500 Intro to Computer Science (3)
- COP 2006 Programming I (3)
- COP 3003 Programming II (3)
- MAD 3107 Discrete Mathematics (3)
- COP 3530 Data Structures & Algo (3)
- CDA 3104 Computer Org'n * & Assem Lang Prog (3) or CDA 3200 Digital Systems & Architecture (3)

14. Catalog copy:

Please see Instructions above.

15. Additional remarks:

The major change proposal for BS in Software Engineering was submitted separately

APPROVALS (required prior to submission)

Email accepted in lieu of signatures in proposal due to COVID19

Department/Program Chair/Director Huzefa Kagdi Date 09/24/2020

College Curriculum Committee Chair _____ Date _____

College Dean _____ Date _____

Does another department or unit provide related expertise or offer similar courses? No Yes (If yes, have the other department complete the following. Attach a separate sheet if needed.)

Department/Unit: _____

Supports this proposal Does not support this proposal Defers Recommendation

Authorizing signature: _____ Date _____

Comments:

Computer Science Minor

U.A. Whitaker College of Engineering

<https://www.fgcu.edu/eng/softwareengineering/computerscience-minor.aspx>

2021-2022 Catalog Year

Majors in Software Engineering are not eligible for the minor in Computer Science.

Admission Requirements

- Students must meet with a college advisor to declare a minor and review the course requirements.
- A grade of C or higher is required in all courses for the minor.
- A minimum of 12 credit hours of the minor must be completed at FGCU.
- Students desiring certification of a minor and designation on their academic transcript must:
 - Note the minor on the Application for Graduation.
 - Contact a college advisor to certify completion of all course requirements for the declared minor as listed below.

Requirements

- COP 1500 Intro to Computer Science (3)
- COP 2006 ~~Introduction to~~ Programming I (3)
- ~~COP 2001 Programming Methodology (3)~~
- COP 3003 Object Oriented Programming II (3)
- MAD 3107 Discrete Mathematics (3)
- COP 3530 Data Structures & Algorithms (3)
- Select one (1) of the following:
 - ~~CEN 3031 Software Engng Fundamentals (3)~~
 - CDA 3104 Computer Org'n * & Assem Lang Prog (3)
 - CDA 3200 Digital Systems & Architecture (3)

TOTAL CREDITS REQUIRED: 18

Transfer Notes and Acceptable Substitutes

Transfer credits will ordinarily be accepted from regionally accredited institutions and evaluated for appropriate credit toward requirements in the student's degree program.