

# Instructions

This Course Change form will enable you to propose several types of changes to existing courses. You may propose changes regarding:

- Department offering the course
- Course prefix
- Course number
- Course title (you may propose changes both to the full course title and/or to the abbreviated title)
- Course description
- Global Learning designation
- Gordon Rule designation
- University Core Curriculum designation
- Grading method (changing from a graded option to a pass/fail option, or vice versa)
- Credit Hours
- Course prerequisites and corequisites (adding or removing)

The Course Review Subcommittee, a standing committee of the University Curriculum Committee, will review these proposed changes and recommend approval of these changes to the FIU Faculty Senate. The members that comprise these governing bodies may not understand the nuances of your department or academic discipline. Therefore, you will be required to provide a justification for the changes you are proposing. The Course Review Subcommittee requests that justifications be specific and written for an audience that is unfamiliar with your department and program. You will also be required to attach a syllabus showing your proposed changes. Requires criteria for the syllabus are provided at the end of this form.

## Proposed Changes

Using the drop-down list, select each type of change you are proposing. (You may propose more than one type of change using this Course Change form.)

Course Prerequisites/ Corequisites

## Justification for Course Change

**Please provide a justification for the changes you are proposing.**

The inclusion of COP 3465 – Data Structures for IT as an alternative prerequisite is necessary because students in the Data Science and AI major do not take the Java-based data structures course required by other programs. Instead, they complete a Python-based data structures course, which is more relevant to their field of study. By adding COP 3465 as an alternative prerequisite, we ensure that data science students are properly prepared for these elective and concentration courses while maintaining alignment with the tools and languages they will use in their professional careers. I have spoken with the faculty who have taught these courses, and they have acknowledged and accepted the prerequisite/corequisite changes.

## Course Information

**College**

CENGR - College of Engineering  
& Comp

**Department(s)**

Knight Foundation School of  
Comptg & Info Sciences

If proposing a change in the department offering the course: Remove the populated department by selecting the "X" next to its name. Then, begin typing the name of the new department; a list of possible departments should autopopulate. Select the new department from this list.

**Career**

Undergraduate

**Course Prefix**

COP

If proposing a change in course prefix: Begin typing the new course prefix; a list of possible prefixes should autopopulate in the drop-down list. Select the new course prefix from this list.

**Course Number**

4520

If proposing a change in course number: Begin by deleting the autopopulated course number. Then, type the new course number you would like to propose.

**Abbreviated Course Title**

Parallel Computing

**Long Course Title**

Introduction to Parallel Computing

**Long Description (Catalog Description)**

This course introduces the field of parallel computing. The students will be taught how to design efficient parallel programs and how to use parallel computing techniques to solve scientific problems.

**Should this be designated a Global Learning course?**

No

**Should this be designated a Gordon Rule Writing course?**

No

**Should this be designated a University Core Curriculum course?**

No

**Does this proposed change impact the assessment process of a program or certificate?**

No

## Effective Term

Effective term for proposed changes.

Fall

## Course Grading

Grading Basis

GRD - Graded

## Course Syllabus

## Course Attributes

Course Attributes

-

## University Core Curriculum Learning Outcomes

**Student Learning Outcomes for Core Curriculum Courses**

# Credit Hours

## Units

Min Units

3

Max Units

3

Value

-

Operator

-

## Contact Hours - not visible

Contact Hours Min

-

Contact Hours Max

-

Contact Hours Value

0

Contact Hours Operator

-

## Academic Progress Units - not visible

Academic Progress Units

Min

3

Academic Progress Units

Max

-

Academic Progress Units

Value

3

Academic Progress Units

Operator

-

## Financial Aid Units - not visible

Financial Aid Units Min

3

Financial Aid Units Max

-

Financial Aid Units Value

3

Financial Aid Units

Operator

-

Course Count - not visible

1

Repeat for Credit

No

Number Of Repeats - Super Admin

1

Total Units Allowed - Registrar view only

3

# Prerequisite(s) and Corequisite(s)

**Requirement Group**

undefined - undefined

**Proposed Prerequisite Change**

**Prerequisites Courses:** (COP 3530 or COP 3465) and (CDA 3102 or CDA 4101 or EEL 4709)

**Proposed Corequisite Change**

N/A

## **Read-Only Catalog Fields- Registrars view only**

**Catalog Course Attributes**

-

**Catalog Requirement Designation**

-

## **Dependencies**

**Instructional Methods (this card is hidden and should NOT be displayed)**