UNDERGRADUATE COUNCIL
Request for Change(s)

Originating unit requesting change   Department of Computer Science

Type of Change requested:

☐ Course number(s)   ☐ Course prerequisite(s)

☐ Course title   ☐ Drop course(s)   ☐ Program description

☐ Course description   ☐ Drop program(s)   ☒ Program requirements

Semester and year change(s) take effect: Fall 2021

Appropriate computer abbreviation if
course title is more than 30 spaces:

Briefly summarize the change requested:
Drop COSC 30353 (Microprocessor Based Digital Systems) as a required course for the BS in
Computer Science.
Add CITE 30363 (Web Technologies) as an approved upper-level elective for the BS in
Computer Science.

Programs Only
Program Name: _____

Current Code: _____ Proposed New Code (list 2): _____ or _____
(ex: INDE-BFA)

Can have second major: ____Yes ____No

Current CIP Code:_____
Does the change require a new or change in CIP code? ____Yes ____No

If yes, what is the proposed CIP code? _____
*for reference, please visit: https://nces.ed.gov/ipeds/cipcode/resources.aspx?y=56

Catalog copy

Present catalog copy (paste-up from catalog is acceptable.	Proposed change(s). (Include exact catalog copy as desired. Underline changes)

Computer Science, BS

Requirements

The program of study requires a minimum of 48 hours, on a 124-hour degree, consisting of:

Core Requirements

COSC 10403 Introduction to Programming
COSC 20203 Techniques in Programming
COSC 20803 Data Structures
COSC 30203 Computer Systems Fundamentals
COSC 30253 Computer Organization
COSC 30353 Microprocessor Based Digital Systems
COSC 30403 Programming Language Concepts
COSC 30603 Database Systems
COSC 40203 Operating Systems
COSC 40403 Analysis of Algorithms
COSC 40943 Software Engineering
COSC 40993 Senior Design Project
CITE 30103   Unix/Linux System Administration

9 hours of approved computer science electives at 3000 level or above

Computer Science, BS

Requirements

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Core Requirements

COSC 10403 Introduction to Programming
COSC 20203 Techniques in Programming
COSC 20803 Data Structures
COSC 30203 Computer Systems Fundamentals
COSC 30253 Computer Organization
~~COSC 30353 Microprocessor Based Digital Systems~~
COSC 30403 Programming Language Concepts
COSC 30603 Database Systems
COSC 40203 Operating Systems
COSC 40403 Analysis of Algorithms
COSC 40943 Software Engineering
COSC 40993 Senior Design Project
CITE 30103   Unix/Linux System Administration

<u>And 12 hours from CITE 30363 or COSC courses at the 30000 level or above</u>

1.   What is the justification for the change(s) requested?
     These changes will upgrade the curriculum and provide for additional upper-level electives
     suggested in the department's Program Review.

2.   If applicable, explain how the change(s) will affect the current program outcomes and
     assessment mechanisms.
     N/A.

3.   **Faculty Resources:** How will the unit provide faculty support for this change and any
     other impact this change may have on other current departmental listings.
     N/A

4.   **Educational Resources:** Will this change require additional resources not currently
     available (e.g. space, equipment, library, other)?   ☐   YES
     If yes, list additional resources needed.   ☒   NO

5.   If this change affects other units of the University, include a statement signed by the
     chairperson(s) of the affected unit(s).
     N/A

6.   If cross-listed, provide evidence of approval by all curriculum committees appropriate to
     both the originating and cross-listed units.
     N/A

Donnell Payne

_____
Approval signature of chairperson of originating unit