

**EXECUTIVE COMMITTEE
COLLEGE OF ENGINEERING
REPORT TO THE RIVERSIDE DIVISION
MAY 26, 2020**

To be adopted:

Proposed Changes to Undergraduate Program in Computer Science with Business Applications

PRESENT:

1. Lower-division requirements (56 units)
 - a) ENGR 001M
 - b) BUS 020
 - c) ~~CS 010, CS 012~~ or CS 013, ~~CS 014~~, CS 061
 - d) CS 011/MATH 011
 - e) ECON 002, ECON 003
 - f) MATH 008B or MATH 009A, MATH 009B, MATH 009C, MATH 010A, and MATH 031

2. Upper-division requirements (85 units)
 - a) ENGR 101M
 - b) BUS 103, BUS 104/STAT 104, BUS 106/ECON 134
 - c) CS 100, CS 141, CS 153, CS 165
 - d) At least two courses from CS 164, CS 166, CS 172, CS 180
 - e) CS 111/MATH 111
 - f) ENGR 180W
 - g) SOC 150
 - h) STAT 155
 - i) Sixteen (16) units of upper-division Computer Science technical electives, which must be distinct from the courses used to satisfy the above major requirements. These 16 units may be chosen from those courses listed as upper-division requirements or technical electives for the Computer Science major. At least four courses must be in the Department of Computer Science and Engineering.
 - j) Sixteen (16) units of Business Administration technical electives, including at least 8 units of courses listed in the Information Systems concentration within the Business Administration major. These 16 units must be distinct from the courses used to satisfy the above major requirements and may be chosen from any of the available Business Administration courses, with the following restrictions: no credit will be given for BUS

PROPOSED:

1. Lower-division requirements (61 units)
 - a) [no change]
 - b) no change]
 - c) [CS 010A, CS 010B or CS 013, CS 010C, CS 061
 - d) [no change]
 - e) [no change]
 - f) [no change]

2. Upper-division requirements (85 units)
 - a) [no change]
 - b) [no change]
 - c) [no change]
 - d) [no change]
 - e) [no change]
 - f) [no change]
 - g) [no change]
 - h) [no change]
 - i) [no change]
 - j) [no change]

101, only one of BUS 171 and CS 180 can be taken for credit, only one of BUS 173 and CS 166 can be taken for credit, only one of BUS 175 and CS 164 can be taken for credit, and only one of BUS 125 and CS 177 can be taken for credit.

Justification:

This change reflects the approved renumbering of CS 010 to CS 010A, CS 012, to CS 010B, and CS 014 to CS 010C.

Approvals:

Approved by the faculty of the Department of Computer Science and Engineering:

April 27, 2020

Approved by the faculty of the College of Engineering:

April 27, 2020

Approved by the Executive Committee of the College of Engineering:

April 27, 2020

Approved by the Committee on Educational Policy:

April 30, 2020