

**EXECUTIVE COMMITTEE
BOURNS COLLEGE OF ENGINEERING
REPORT TO THE RIVERSIDE DIVISION
DECEMBER 1, 2020**

To be adopted:

Proposed Changes to Computer Science with
Business Applications Major

PRESENT:

Major Requirements

Computer Science with Business Applications

Major

1. Lower-division requirements (56 units)
 - a) ENGR 001M
 - b) BUS 020
 - c) CS 010A, CS 010B or CS 013, CS 010C, 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

PROPOSED:

Major Requirements

Computer Science with Business Applications

Major

1. Lower-division requirements (56 units)
 - a) [no change]
 - b) [no change]
 - c) [no change]
 - d) [no change]
 - e) [no change]
 - f) MATH 008B or MATH 009A, MATH 009B, MATH 009C, MATH 010A, and MATH 031 or EE 020.
2. Upper-division requirements (85 units)
[no change]

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 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:

Students should not receive credit for both Math 031 and EE 020. This change implements this.

Approvals:

Approved by the faculty of the Department of Computer Science and Engineering:	October 2, 2019
Approved by the Executive Committee of the College of Engineering:	May 28, 2020
Approved by the Committee on Educational Policy:	November 6, 2020