EXECUTIVE COUNCIL

REPORT TO THE RIVERSIDE DIVISION

NOVEMBER 26, 2013

To be received and placed on file:

The Executive Council reports the following which were approved in lieu of the Division, as per Senate Bylaw 8.5.3:

Approved by the 2012-2013 Executive Council:
  • Proposed changes to Computer Engineering Undergraduate Requirements (July 23, 2013)
  • Proposed changes to Electrical Engineering Undergraduate Program (July 23, 2013)
  • Proposed changes to Bachelor of Arts in Chemistry (July 23, 2013)
  • Proposed changes to Bachelor of Science in Chemistry: Chemical Physics Option (July 23, 2013)
  • Proposed changes to Bachelor of Science in Chemistry (July 23, 2013)
  • Proposed changes to Business Administration (July 23, 2013)

Approved by the 2013-2014 Executive Council:
  • Proposed changes to Bylaws 8.9 and 8.16, establishing Committee on Library, Information Technology and Scholarly Communication (October 14, 2013)
EXECUTIVE COMMITTEE
BOURNS COLLEGE OF ENGINEERING
REPORT TO THE RIVERSIDE DIVISION

NOVEMBER 26, 2013

To be adopted:

PROPOSED CHANGE TO COMPUTER ENGINEERING UNDERGRADUATE REQUIREMENTS

PRESENT:
Computer Engineering
Undergraduate Program
Major Requirements
1. Lower-division requirements (68 units)
   a) ENGR 001G
   b) CS 010 or CS 10V, CS 012 or CS 12V
      or CS 013, CS 014, CS 061
   c) CS 011/MATH 011
   d) EE 001A, EE 01LA, EE 001B
   e) MATH 008B or MATH 009A, MATH 009B, MATH 009C, MATH 010A, MATH 046
   f) PHYS 040A, PHYS 040B, PHYS 040C
   g) One course of 4 or more units in an engineering discipline outside the field of computer science to be selected in consultation with a faculty advisor. Either a lower-division or an upper-division course may be used to satisfy this requirement.

2. Upper-division requirements (77 units minimum)
   a) CS 100, CS 141, CS 153, CS 161, CS 161L
   b) CS 120A/EE 120A, CS 120B/EE 120B; one course from CS 122A or EE 128
   c) CS 111
   d) EE 100A or CS 168, EE 110B
   e) ENGR 180W
   f) MATH 113

PROPOSED:
Computer Engineering
Undergraduate Program
Major Requirements
1. Lower-division requirements (72 units)
   a) ENGR 001G
   b) CS 010 or CS 10V, CS 012 or CS 12V
      or CS 013, CS 014, CS 061
   c) CS 011/MATH 011
   d) EE 001A, EE 01LA, EE 001B
   e) MATH 008B or MATH 009A, MATH 009B, MATH 009C, MATH 010A, MATH 046
   f) PHYS 040A, PHYS 040B, PHYS 040C
   g) One course of 4 or more units in an engineering discipline outside the field of computer science to be selected in consultation with a faculty advisor. Either a lower-division or an upper-division course may be used to satisfy this requirement.

2. Upper-division requirements (73 units minimum)
   a) CS 100, CS 141, CS 153, CS 161, CS 161L
   b) CS 120A/EE 120A, CS 120B/EE 120B; one course from CS 122A or EE 128
   c) CS 111
   d) CS 168
   e) ENGR 180W
   f) EE 100A
g) EE 114 or STAT 155
h) Five courses (at least 20 units) as technical electives from the following set of Computer Science and Engineering, and Electrical Engineering upper-division courses

CS 122A, CS 122B, CS 130, CS 133, CS 150, CS 152, CS 160, CS 162, CS 164, CS 165, CS 166, CS 168, CS 169, CS 170, CS 171, CS 172, CS 177, CS 179 (E-Z), CS 180, CS 181, CS 183, CS 193

EE 100B, EE 105, EE 110A, EE 115, EE 128, EE 132, EE 133, EE 134, EE 135, EE 140, EE 141, EE 144, EE 146, EE 150, EE 151, EE 152, EE 175A, EE 175B

The technical electives selected from h) must include either CS 179 (E-Z) or both EE 175A and EE 175B. The selection of the remaining technical electives must be planned, in consultation with a faculty advisor, to include at least one coherent sequence of two classes from either Computer Science and Engineering or Electrical Engineering. The technical electives must be distinct from those used to satisfy the upper-division requirements specified in items a) and b) above.

Students may petition for exceptions to the above degree requirements. Exceptions to Computer Science course requirements must be approved by the Computer Science and Engineering undergraduate advisor or chair, and exceptions to Electrical Engineering course requirements must be approved by the Electrical Engineering undergraduate advisor or chair. Exceptions to other requirements require the approval of the undergraduate advisors or chairs of both departments.

Visit the Student Affairs Office in the College of Engineering or student.engr.ucr.edu for a sample program.
**JUSTIFICATION:**

Mathematics has submitted a course proposal change to renumber MATH 113 to MATH 031. Any courses that have MATH 113 in the course description either in the prerequisite, description, or any other part have already been updated (in CRAMS); the catalog also needs to be changed within the affected programs to reflect the renumbering. When discussing this change, the CEN faculty have determined that EE 20 would be a better fit for the program as a whole. It is already being offered in the 1st year of the EE undergraduate program. This will decrease the number of units for the upper-division required courses from 77 to 73 and increase the lower division units from 68 to 72.

EE 110B is being removed from the required course list as well, decreasing the units from 73 to 69. EE 110A is being removed from the required Technical Electives lists (to satisfy the EE 110B prerequisite); both EE 110B and 110A will remain as regular Technical Electives.

EE 100A is being made a required course, so it will be removed from 2d and added to 2f; this bring the required course units back up to 73.

CS 182 is a new course. Software testing is an essential and often overlooked aspect in software engineering. This course addresses the need for a solid background in testing theory and a practical experience in software testing for our CS undergraduate students.

EE 175C should have never been removed as a viable option to take as a technical elective, so we are reintroducing it (along with EE).

**APPROVALS:**

**Approved by the Computer Engineering faculty:** February 27, 2013 & March 14, 2013 (CS 182 change), May 17, 2013 (addition of EE175C)

**Approved by the BCOE Executive Committee:** 03/20/13 for all changes prior to May 1, 2013; approval for addition of EE175C was obtained during May 22, 2013 meeting.

**Approved by the Committee on Educational Policy:** 5/31/13

**Approved by the Executive Council on behalf of the Division:** 7/23/13
EXEUCINE COMMITTEE
BOURNS COLLEGE OF ENGINEERING
REPORT TO THE RIVERSIDE DIVISION

NOVEMBER 26, 2013

To be adopted:

PROPOSED CHANGES TO ELECTRICAL ENGINEERING UNDERGRADUATE PROGRAM

PRESENT
Major Requirements

1. Lower-division requirements (74 units)
a) One course in the biological sciences chosen from an approved list
b) CHEM 001A, CHEM 01LA
c) CS 010, CS 013, CS 061
d) EE 001A, EE 01LA, EE 001B, EE 010, EE 020
e) MATH 008B or MATH 009A, MATH 009B, MATH 009C, MATH 010A, MATH 010B, MATH 046
f) PHYS 040A, PHYS 040B, PHYS 040C

2. Upper-division requirements (82 units)
a) EE 100A, EE 100B, EE 105, EE 110A, EE 110B, EE 114, EE 115, EE 116, EE 132, EE 141, EE 175A, EE 175B
b) CS 120A/EE 120A, CS 120B/EE 120B
c) ENGR 180W
d) Twenty (20) units of technical electives (chosen with the approval of a faculty advisor) from CS 122A, CS 130, CS 143/EE 143, CS 161, CS 168; EE 117, EE 128, EE 133, EE 134, EE 135, EE 136, EE 137, EE 138, EE 139, EE 140, EE 144, EE 146, EE 150, EE 151, EE 152, EE 160

The choice of technical electives must ensure that the upper division requirements include at least one coherent sequence of at least three (3) electrical engineering courses to ensure depth in one area of electrical engineering. Example

PROPOSED
Major Requirements

1. Lower-division requirements (74 units)
a) One course in the biological sciences chosen from an approved list
b) CHEM 001A, CHEM 01LA
c) CS 010, CS 013, CS 061
d) EE 001A, EE 01LA, EE 001B, EE 010, EE 020
e) MATH 008B or MATH 009A, MATH 009B, MATH 009C, MATH 010A, MATH 010B, MATH 046
f) PHYS 040A, PHYS 040B, PHYS 040C

2. Upper-division requirements (82 units)
a) EE 100A, EE 100B, EE 105, EE 110A, EE 110B, EE 114, EE 115, EE 116, EE 132, EE 141, EE 175A, EE 175B, EE 175C
b) CS 120A/EE 120A, CS 120B/EE 120B
c) ENGR 180W
d) Twenty (20) units of technical electives (chosen with the approval of a faculty advisor) from CS 122A, CS 130, CS 143/EE 143, CS 161, CS 168/EE 168; EE 117, EE 123, EE 128, EE 133, EE 134, EE 135, EE 136, EE 137, EE 138, EE 139, EE 140, EE 144, EE 146, EE 150, EE 151, EE 152, EE 153, EE 160, EE 162, EE 165

The choice of technical electives must ensure that the upper division requirements include at least one coherent sequence of at least three (3) electrical engineering courses to ensure depth in one area of electrical engineering. Example
course sequences are available through the Student Affairs Office in the College of Engineering or student.engr.ucr.edu. These are approved upper division EE courses and cover topics in the focus areas of the EE program but they were not included in the list of technical electives. This change is simply adding them to the list of technical electives.

APPROVALS:

Approved by the faculty of the Department of Electrical Engineering: 10/17/2012; change for 175C was obtained 5/15/13
Approved by the Executive Committee of the Bourns College of Engineering: 10/17/12; change for EE 175C was obtained 05/22/13
Approved by the Committee on Educational Policy: 5/31/13
Approved by the Executive Council on behalf of the Division: 7/23/13
To be adopted:

**PROPOSED CHANGES TO BACHELOR OF ART IN CHEMISTRY**

<table>
<thead>
<tr>
<th>PRESENT:</th>
<th>PROPOSED:</th>
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<tbody>
<tr>
<td>The major requirements for the B.A. and the B.S. degree in Chemistry are as follows:</td>
<td>No change</td>
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</table>

**Bachelor of Art**

1. Lower-division requirements (51-52 units)
   - a) CHEM 001A, CHEM 001B, CHEM 001C, CHEM 01LA, CHEM 01LB, CHEM 01LC (or CHEM 01HA and CHEM 1HLA, CHEM 01HB and CHEM 1HLB, CHEM 01HC and CHEM 1HLC), CHEM 005
   - b) MATH 008B or MATH 009A, MATH 009B, MATH 009C, MATH 010A
   - c) PHYS 040A, PHYS 040B, PHYS 040C (or PHYS 002A, PHYS 002B, PHYS 002C, PHYS 02LA, PHYS 02LB, PHYS 02LC)

2. Upper-division requirements (38-48 units) A minimum grade of “C-” for any upper-division course used to fulfill the requirements for the B.A. degree.
   - a) CHEM 110A, CHEM 110B, CHEM 112A, CHEM 112B, CHEM 112C, CHEM 113, CHEM 125, CHEM 150A, CHEM 191, and either CHEM 111 or CHEM 166
   - b) Ten (10) additional upper-division units in Chemistry if the year of organic chemistry is taken at a community college.
   - a) CHEM 110A, CHEM 110B, CHEM 112A, CHEM 112B, CHEM 112C, CHEM 113, CHEM 125, CHEM 150A, CHEM 191, and either CHEM 111 or CHEM 140 or CHEM 166
   - b) No change
JUSTIFICATION:
Undergraduate lab courses have been particularly impacted by BA students, and allowing CHEM 140 or CHEM 166 in Spring quarter can be a useful option for students struggling to complete the degree (allowed this year by exception).

APPROVALS:
Approved by the faculty of the Department of Chemistry: April 19, 2013
Approved by the Executive Committee of the College of Natural and Agricultural Sciences: 5/21/13
Approved by the Committee on Educational Policy: 5/25/13
Approved by the Executive Council on behalf of the Division: 7/23/13
To be adopted:

**PROPOSED CHANGES TO BACHELOR OF SCIENCE IN CHEMISTRY: CHEMICAL PHYSICS OPTION**

**PRESENT:**

**PROPOSED**

Chemical Physics Option

Students must consult with their Chemistry advisor before electing this option.

1. Lower-division requirements (67-69 units)
   a) CHEM 001A, CHEM 001B, CHEM 001C, CHEM 01LA, CHEM 01LB, CHEM 01LC (or CHEM 01HA and CHEM 1HLA, CHEM 01HB and CHEM 01HLC, CHEM 01HC and CHEM 1HLC), CHEM 005
   b) MATH 008B or MATH 009A, MATH 009B, MATH 009C, MATH 010A, MATH 010B, MATH 046
   c) PHYS 041A, PHYS 041B, PHYS41C or PHYS 040A, PHYS 040B, PHYS 040C, and PHYS 041C

2. Upper-division requirements (72 units) A minimum grade of “C-” for any upper-division course used to fulfill the requirements for the Chemical Physics option.
   a) CHEM 110A, CHEM 110B, CHEM 111, CHEM 112A, CHEM 112B, CHEM 112C, CHEM 113, CHEM 140, CHEM 150A, CHEM 150B, CHEM 191
   b) Twenty-one (21) units of upper-division course work in Mathematics or Physics (110 or above excluding 190 series)
   c) Nine (9) additional units in physical chemistry

   a) CHEM 110A, CHEM 110B, CHEM 111, CHEM 112A, CHEM 112B, CHEM 112C, CHEM 113, CHEM 114, CHEM 150A, CHEM 150B, CHEM 191
   b) No change
   c) No change
JUSTIFICATION:
CHEM 140 has a prerequisite of CHEM 125, which is not required under the BS Chemical Physics Option. For this reason, substituting CHEM 114 for CHEM 140 will correspond with the requirements to receive a BS with a Chemical Physics Option.

APPROVALS:
Approved by the faculty of the Department of Chemistry: April 19, 2013
Approved by the Executive Committee of the College of Natural and Agricultural Sciences: 5/21/13
Approved by the Committee on Educational Policy: 5/25/13
Approved by the Executive Council on behalf of the Division: 7/23/13
EXECUTIVE COMMITTEE
COLLEGE OF NATURAL AND AGRICULTURAL SCIENCES
REPORT TO THE RIVERSIDE DIVISION
NOVEMBER 26, 2013

To be adopted:

PROPOSED CHANGES TO BACHELOR OF SCIENCE IN CHEMISTRY

PRESENT

The major requirements for the B.A. and the B.S. degree in Chemistry are as follows:

Bachelor of Science

3. Lower-division requirements (59-60 units)
   d) CHEM 001A, CHEM 001B, CHEM 001C, CHEM 01LA, CHEM 01LB, CHEM 01LC (or CHEM 01HA and CHEM 1HLA, CHEM 01HB and CHEM 1HLB, CHEM 01HC and CHEM 1HLC), CHEM 005
   e) MATH 008B or MATH 009A, MATH 009B, MATH 009C, MATH 010A, MATH 010B, MATH 046
   f) PHYS 040A, PHYS 040B, PHYS 040C

4. Upper-division requirements (53-54 units)
   A minimum grade of “C-” for any upper-division course used to fulfill the requirements for the B.S. degree.
   c) CHEM 110A, CHEM 110B, CHEM 111, CHEM 112A, CHEM 112B, CHEM 112C, CHEM 113, CHEM 125, CHEM 150A, CHEM 191
   d) Two laboratory courses from CHEM 114 or CHEM 140, CHEM 166, BCH 142
   e) One course from BCH 100, BCH 110A, CHEM 143
   f) One 4-unit course from CHEM 135/ENSC 135/ENTX 135, CHEM 136/ENSC 136/ENTX 136/SWSC 136, CHEM 150B, CHEM 197, CHEM 199. CHEM 197 and CHEM 199 must be taken for a grade and a written report submitted

PROPOSED:

No change

3. No change
   g) No change

4. No change
   a) No change
   b) Two laboratory courses from CHEM 114 or CHEM 140, CHEM 166, BCH 162
   c) No change
   d) No change
JUSTIFICATION:
Bachelor of Science
Proposal to change = 2. : b)
Renumber BCH 102 to BCH 162
The Department of Biochemistry is eliminating BCH 102 from their program and replacing it with BCH 162. There are many more prerequisites for BCH 162 than BCH 102, which will make it much less accessible to Chemistry majors. BCH 101 is not an acceptable substitute for an upper division chemistry laboratory course. American Chemical Society degree certification requires lab components in four of the five major chemistry sub disciplines, one of which is biochemistry - BCH 162 will fulfill this requirement.

Bachelor of Science
Proposal to change = 1. : d)
Allow flexibility in choice of math courses to include new linear algebra course MATH 031 as a substitute for either MATH010B or MATH046
MATH 031 (linear algebra) is arguably one of the more useful mathematical skills in Chemistry and it is also a useful preparatory skill for vector calculus (MATH010AB). Allowing this option to the degree is viewed as a desirable option for the BS Chemistry degree

APPROVALS:
Approved by the faculty of the Department of Chemistry: April 19, 2013
Approved by the Executive Committee of the College of Natural and Agricultural Sciences: 5/21/13
Approved by the Committee on Educational Policy: 5/25/13
Approved by the Executive Council on behalf of the Division: 7/23/13
To be adopted:

PROPOSED CHANGES TO BUSINESS ADMINISTRATION

PRESENT:

Majors
The B.S. in Business Administration is a two-year upper-division major offered by the School of Business Administration (SoBA). Students can enroll in a Pre-Business status and are advised in CHASS during their freshman and sophomore years. The Pre-Business curriculum includes the prerequisites to the major and the college breadth requirements. After admission to the major, students are advised by the SoBA through its Office of Undergraduate Programs located at 2340 Olmsted Hall. The B.S. degree in Business Administration is conferred by the SoBA.

The program is accredited by the AACSB International - The Association to Advance Collegiate Schools of Business.

Admission A limited number of students are accepted into the Business Administration major, chosen according to overall GPA. Students must apply for the major when they have completed not fewer than 75 and not more than 100 quarter units of college work. Final acceptance into the major is based on completion of all prerequisites and breadth requirements within a 100-quarter-unit limit, a GPA above 2.50 in prerequisites, and cumulative GPA of at least 2.70. (Students who have not completed the foreign language breadth requirement may be accepted into the

PROPOSED:

[no change]
program, but they must complete the requirement before graduation.) Exceptions to the 100-quarter-unit maximum must be requested by petition.

UCR Students (excluding Pre-Business students) interested in changing major to Business Administration will be admissible to the Business Preparatory (BSPR), (which is not a major in UCR, but a holding group of transfer students who appear to be qualified for admission into business administration, but have some deficiencies which need to be completed before admission into business administration) status only if they can complete their deficiencies in breadth and/or major prerequisites within one quarter (the first quarter after admission into Bus-Preparatory).

The same rule will apply to students transferring in from a community college or a four-year school. In the event these students fail to meet this one quarter requirement, they will not be admitted into the BSPR category, and will be advised to find another major at UCR.

Students are encouraged to participate in at least one internship during their junior or senior year. Students interested in international business are encouraged to consider opportunities for study through the Education Abroad Program, which has centers affiliated with more than 150 institutions in 35 countries worldwide. For further details, visit UCR’s International Education Center at internationalcenter.ucr.edu or call (951) 827-4113.

Outstanding academic achievement is recognized by the awarding of the Delta Sigma Pi Scholarship Key to a graduating senior. Other awards, presented on an annual basis, include the Wall Street Journal’s Student Achievement Award, the Bank of America Business Leaders Scholarship, Deloitte and
Touche Scholarship, Gordon Blunden/Provident Savings Bank Business Scholarship, and the Ernst & Young Scholarship.

Graduating seniors are also eligible for the School of Business Administration Award for Academic and Service Excellence, and also the SoBA Concentration Area Awards, which recognizes the student with the best overall performance in each concentration area.

**University Requirements**
See Undergraduate Studies section. [no change]

**College Requirements**
Students must fulfill all breadth requirements of the College of Humanities, Arts, and Social Sciences or the Intersegmental General Education Transfer Curriculum prior to transferring to the UC. [no change]

**Major Requirements**
The following are requirements leading to the B.S. degree in Business Administration. At least 50 percent of business course requirements must be completed at UCR. [no change]

**Business Administration Major**
1. Preparation for Business Administration major (8 courses [at least 32 units])
   a) General prerequisites (may be used to satisfy breadth requirements of the College of Humanities, Arts, and Social Sciences)
      (1) ECON 002
      (2) ECON 003
      (3) CS 008
      (4) STAT 048
      (5) MATH 022
      (6) ECON 102 or ECON 103
   b) Major prerequisites (may not be used to satisfy breadth requirements)
      (1) BUS 010
      (2) BUS 020
   Major prerequisites (non-BUS courses may be used to satisfy breadth requirements for the School of Business Administration):
      (1) BUS 010
      (2) BUS 020
      (3) ECON 002
      (4) ECON 003
      (5) CS 008
      (6) STAT 048
      (7) MATH 022
      (8) ECON 102 or ECON 103
The major requirements for the B.S. in Business Administration are as follows:

2. Upper-division major requirements (18 courses [at least 72 units])

Core courses (at least 10 courses [at least 40 units]):

a) BUS 101, BUS 103, BUS 105, BUS 108, BUS 109
b) BUS 104/STAT 104
c) BUS 106/ECON 134
d) BUS 107; or PSYC 142 and SOC 150 or SOC 151
e) BUS 100
f) BUS 102; or PHIL 116 and POSC 182 or POSC 186

Concentration (At least 20 units): Students in the Business Administration major (BSAD) will be required to declare a concentration at least three quarters prior to graduation, provided they be allowed to change their concentration, if justified. The Office of Undergraduate Business Programs will manage the process.

Choose five courses from one of the concentrations listed below. Courses completed to meet upper division core requirements may not be used to meet concentration requirements.


Finance: BUS 131, BUS 134, BUS 135, BUS 136, BUS 137, BUS 138, BUS 139,
BUS 146, BUS 147, BUS 148, BUS 153/ECON153

General Management: BUS 143, BUS 144, BUS 145, BUS 146, BUS 147, BUS 148, BUS 154A, BUS 155, BUS 156, BUS 157, ANTH105/BUS 158, BUS 173, BUS 185

Information Systems: BUS 125, BUS 128, BUS 171, BUS 172, BUS 173, BUS 174, BUS 175, BUS 177

Marketing: BUS 111, BUS 112, BUS 113, BUS 114, BUS 115, BUS 116, BUS 117, BUS 118, BUS 119, BUS 126

Operations and Supply Chain Management:
BUS 122, BUS 125, BUS 126, BUS 127/STAT127, BUS 128, BUS 129, BUS 130, BUS 173

g) An additional 12 units of Business Administration elective courses excluding BUS 190. See department for a list of approved Business Administration elective courses.

Double Concentration for Business Administration Students
Business Administration students can declare a second concentration within the School of Business Administration (SoBA). Declaring a second concentration is not permitted while on academic probation or during the last two quarters before graduation (150 units or more). Both concentrations must be completed within the maximum limit of 216 units, and approval must be obtained from his/her academic advisor. In such cases, all course requirements must be completed for each of the two concentrations chosen. If the student chooses a second concentration then he/she will be getting only one B.S. in Business, and the diploma will mention the primary
concentration, but not the second concentration. However, if a business student wishes to add a second major in another college or school (other than SoBA), then he/she can. The Business major is the primary and the other major is the secondary. In this case he/she can be enrolled in only one concentration, and the rules of the second major will apply.

**Majors with Administrative Studies Components**

B.A. degrees are offered in Art History, Economics, History, Political Science, and Sociology with Administrative Studies. A B.S. degree is offered in Sociology with Administrative Studies. Specified departmental requirements are listed under respective departmental listings.

1. All requirements of the College of Humanities, Arts, and Social Sciences

2. Specified requirements of the relevant department, to include at least 36 upper-division units in that discipline

3. **Administrative Studies requirements** (37 units)
   a) Four lower-division courses (17 units)
      (1) BUS 010, BUS 020
      (2) STAT 048 or equivalent (may be used to satisfy breadth requirements)
      (3) CS 008 (may be used to satisfy breadth requirements)
   
   b) Two upper-division courses (8 units) from
      the list below:
      (1) ECON 102 or ECON 104A or ECON 130 or ECON 162/BUS 162
      (2) PSYC 140 or PSYC 142
      (3) SOC 150 or SOC 151 or SOC 171
      (4) POSC 181 or POSC 182 or POSC 183
      (5) ANTH 127 or ANTH 131
These two courses must be outside the discipline of the relevant major and cannot be courses included as part of the three-course Business Administration track or their cross-listed equivalents.

c) A three-course track (12 units) in Business Administration courses, from one of the following:
   (1) Organizations (General): BUS 100, BUS 107, BUS 176/SOC 176, BUS 158/ANTH 105, SOC 150, SOC 151
   (2) Human Resources Management/Labor Relations: BUS 100, BUS 107, BUS 152/ECON 152, BUS 153/ECON153, BUS 155, BUS 157, PSYC 142
   (3) Business and Society: BUS 100, BUS 102, BUS 107, PHIL 116, POSC 182, POSC 186
   (4) Marketing: BUS 103, and two from BUS 112, BUS 113, BUS 114 or BUS 117
   (5) Managerial Accounting/Taxation: BUS 108, and two from BUS 166, BUS 168A, or BUS 168B
   (7) Finance: BUS 106/ECON 134 and two from BUS 134, BUS 136, BUS 137, BUS 138, BUS 139
   (8) Management Information Systems: BUS 101, BUS 171, BUS 173
   (9) Production Management: BUS 104/STAT 104, and two from BUS 105, BUS 122, BUS 127/STAT 127

Minor
Students declaring a minor in Business Administration will petition the Office of Undergraduate Business Programs at least three quarters prior to graduation. That office will publicize the deadlines each quarter to all colleges and major departments.

Prerequisites for the minor in Business Administration are as follows:
1. Three lower-division courses (14 units)  
(must be completed with no grade lower than “C”): BUS 020, ECON 003, STAT 048

Requirements for the minor in Business Administration are as follows:

2. Six upper-division courses (24 units):

   a) Four courses from the following:
      BUS 101, BUS 103, BUS 104/STAT 104,
      BUS 105, BUS 106/ECON 134, BUS 108,
      one of BUS 102 or PHIL 116
   b) Two additional upper-division Business Administration courses.

**JUSTIFICATION:**

For changes to the Business Administration major prerequisites section:

Before Fall 2010, the pre-requisite courses to enter the Business Administration major was broken into two separate categories, General Prerequisites, and Major Prerequisites, with a minimum 2.00 GPA in each separate category. Beginning in Fall 2010, the requirement was approved as a minimum 2.50 GPA in prerequisites. The intention, and language, was approved to evaluate all prerequisite courses in one single category for the 2.50 GPA requirement. Changing the nomenclature from “prerequisites” to “major perquisites” in the Admissions section and combining the courses together in the Business Administration Major section clarifies the original intent as approved effective Fall 2010, and will allow the Registrar’s Office to make the appropriate degree audit change in SIS for use by faculty and professional academic advisors.

For changes to the Core courses requirement under the Upper-division major requirements section:

BUS 100W, Management Writing and Communication, was approved in Fall 2011 as a Writing Across the Curriculum course for undergraduate Business Administration (BSAD) students to satisfy the campus’s third-quarter writing requirement. The course is adapted from BUS 100, Management Communication, an upper-division core major requirement for BSAD students. Completion of BUS 100W with a “C” or higher satisfies both the third-quarter writing requirement and BUS 100. Changing the upper-division major requirement from “BUS 100 or BUS 100W” to “BUS 100W” will enhance the curriculum by upholding a consistent standard for our foundational communications course for all BSAD students. Currently, half of our BSAD students that enter as transfer students are enrolling in BUS 100, while the other half of our BSAD students entering as freshmen completing in BUS 100W.
To satisfy the business ethics requirement, BSAD students can currently complete BUS 102, Ethics and Law in Business and Society, or alternatively, a two-course sequence of PHIL 116, Business Ethics, and one of POSC 182, Politics and Economic Policy, or POSC 186, Regulation: A Political Perspective. This flexibility in our business ethics requirement is a relic from before 2010 when the undergraduate BSAD degree was jointly conferred by the College of Humanities, Arts, and Social Sciences, and the A. Gary Anderson Graduate School of Management. In pre-2010 catalog requirements, BSAD students were allowed to complete many CHASS courses to satisfy major requirements. Currently, very few, if any, students complete the alternative CHASS courses to satisfy the business ethics requirement. Requiring all BSAD students to complete BUS 102 for our business ethics requirement ensures that we uphold a consistent standard for our foundational business ethics course for all BSAD students. In addition, we would no longer depend on CHASS to consistently offer these courses to ensure time-to-degree progress for our students.

To satisfy the organizational behavior (OB) requirement, BSAD students can currently complete BUS 107, Organizational Behavior, or alternatively, a two-course sequence of PSYC 142, Industrial and Organizational Psychology, and one of SOC 150, Sociology of Economic Organizations, or SOC 151, Formal Organizations. This flexibility in our OB requirement is a relic from before 2010 when the undergraduate BSAD degree was jointly conferred by the College of Humanities, Arts, and Social Sciences, and the A. Gary Anderson Graduate School of Management. In pre-2010 catalog requirements, BSAD students were allowed to complete many CHASS courses to satisfy major requirements. Currently, very few (if any) students complete the alternative CHASS courses to satisfy the OB requirement. Requiring all BSAD students to complete BUS 107 for our OB requirement ensures that we uphold a consistent standard for our foundational OB course for all BSAD students. In addition, we would no longer depend on CHASS to consistently offer these courses to ensure time-to-degree progress for our students.

Lastly, since the entire group of business core courses is prescribed without any alternative options, the business core courses is rearranged and listed in one grouping from BUS 100W-BUS 109.

For changes to the Concentration requirement under the Upper-division major requirements section:

Specific course additions, deletions, and revisions in the concentration requirements reflect the approved changes to BUS courses approved by the Committee on Courses and in CRAMS.

The Finance concentration requirement has been changed, since a new approved course effective Fall 2013, BUS 132, Foundations of Finance, is a pre-requisite to almost all of the other finance courses. Requiring students to take BUS 132 and then four additional finance courses aligns the catalog requirements with the approved course changes.

In addition, the concentration General Management is changed to Management. In pre-2010 catalog requirements, BSAD students could select from one of 13 concentrations, including
General Management. Before 2010, General Management was a concentration that in essence was an interdisciplinary concentration; students could complete courses in accounting, marketing, finance, human resources, operations/supply chain management, et cetera, to complete the concentration requirement. In 2010, when the BSAD concentrations was reduced from 13 to 6, courses in organizational behavior, human resources, entrepreneurship, and management were condensed into (and only into) the General Management concentration. Changing the name from General Management to Management clarifies this concentration as not a conglomerate of courses from other areas, but as one unique specialization in the management discipline.

APPROVALS:

Approved by Business Administration Program Committee: May 10, 2013
Approved by the School of Business Administration Executive Committee: May 10, 2013
Approved by the Committee on Educational Policy: May 31, 2013
Approved by the Executive Council on behalf of the Division: July 23, 2013
CHAIR OF THE RIVERSIDE DIVISION OF THE ACADEMIC SENATE

REPORT TO THE RIVERSIDE DIVISION

NOVEMBER 26, 2013

To Be Adopted:

PROPOSED COMMITTEE ON LIBRARY, INFORMATION TECHNOLOGY & SCHOLARLY COMMUNICATION

Present
8.9 Academic Computing and Information Technology (En 6 Oct 70) (Am 5 Feb 98)

Proposed
8.9 Library, Information Technology & Scholarly Communication En 6 Oct 70) (Am 5 Feb 98)

8.16 Library and Scholarly Communication

8.9.1 This committee consists of at least seven members, including the Associate Vice Chancellor Computing and Communications or his/her representative and University Librarian of the Riverside campus as ex-officio members. (AM 5 Feb 98). Neither ex officio may serve as Chair. The Chair normally also serves on the University Committee on Information Technology and Telecommunications Policy. (AM 19 Nov 81)(AM 2 Feb 98)

8.9.1 This committee consists of at least nine members, including a Chair and Vice Chair appointed by Committee on Committees. The Associate Vice Chancellor for Computing and Communications (or his/her representative) and the University Librarian of the Riverside Campus will serve as ex officio non-voting members. Neither ex officio member may serve as Chair or Vice Chair. The Vice Chair of the committee normally serves on the University Committee on Computing and Communications. The Chair will normally serve on the University Committee on Library and Scholarly Communications. (AM 19 Nov 81)(AM 2 Feb 98) (AM 9 Jan 73)

8.16.1 This Committee consists of seven members of the Division, including the University Librarian of the Riverside Campus, ex officio. The Chair normally also serves on the University Library Committee. (AM 9 Jan 73)

8.16.2 It is the duty of this committee to:

8.9.2 It is the duty of this committee to:

8.16.2 It is the duty of this committee to:
8.9.2 This committee shall advise the Division and the Chancellor on all matters relating to academic computing and information technology, including instructional technology. (Am 9 Feb 89) (AM 5 Feb 98)

8.9.2.1 Advise the Division, Chancellor and President on all matters relating to academic computing and information technology; administration of the library; and matters concerning scholarly communications at Riverside in accordance with the Standing Orders of the Regents. (Am 9 Feb 89) (AM 5 Feb 98) (Am 30 May 06)

8.16.2.1 Advise the President and the Chancellor regarding the administration of the library and matters concerning scholarly communication at Riverside in accordance with the Standing Orders of the Regents and perform such other duties relative to the library as may be referred by proper authority. (Am 30 May 06)

8.9.3.1 Review Faculty and student use of the campus Computing and Communications unit for instruction and research;

8.9.3.2 Recommend ways to improve the functioning of the campus Computing and Communications unit to meet Faculty and student needs; (Am 5 Feb 98)

8.9.3.3 Participate in long range planning for computer and information technology use and development;

8.9.3.4 Recommend ways to improve education in the use of the computer and information; (Am 5 Feb 98)

8.9.3.6 Assess the state of campus instructional technology support and readiness to meet future needs; (En 5 Feb 98)

8.9.2.2 Review use of and recommend ways to improve the functioning of the campus Computing and Communications, and University Library units to meet Faculty and student needs; (Am 5 Feb 98)

8.9.2.3 Recommend ways to improve education in the use of computers, information, and campus instructional technology; (Am 5 Feb 98)

8.9.2.4 Assess the state of campus instructional technology support and participate in long range planning to meet future needs; the committee may also initiate studies and generate recommendations to the division and the administration on the better use of campus library and technology resources.
8.9.3.8 Participate in long-range planning for instructional technology;

8.9.3.5 Solicit and rank requests for grants for supporting and expanding the use of computing and information technology in research and instruction; (En 9 Feb 89) (Am 3 Feb 00) (Am 21 Feb 2012)

8.9.2.5 When funds are available Subject to fund availability, this committee will solicit and rank requests for grants for supporting and expanding the use of computing and information technology in research and instruction; (En 9 Feb 89) (Am 3 Feb 00) (Am 21 Feb 2012)

8.9.3.7 Recommend ways to improve campus instructional technology. (En 5 Feb 98)

8.16.2.2 Participate with the librarian in matters relating to the library budget, the formulation of library policies, the allocation of space, and the apportionment of funds.

8.16.2.3 Provide liaison between the faculty and the library administration in all matters of library policy;

8.16.2.4 Prepare and submit to the Division an annual report on financial problems, allocations of space, facilities for research, and any other matters within its jurisdiction.

8.16.2.5 Participate in an advisory capacity in the appointment of the librarian.

8.9.4 This committee shall consult with the Divisional committees on Planning and Budget, Courses, and Educational Policy, and with other Senate and administrative committees, whenever appropriate to its tasks.

8.9.2.6 Participate with the librarian in matters relating to the library budget, the formulation of library policies, the allocation of space, and the apportionment of funds; and serve as a liaison between the faculty and library administration.

8.9.2.7 Prepare and submit to the Division an annual report on the library’s effectiveness in meeting the campus needs, its financial situation, allocations of space, facilities for research, and any other matters within its jurisdiction.

8.9.2.8 Participate in an advisory capacity in the appointment of the librarian.

_Statement of Purpose and Effect:_
Within the separate committees is a wide area of overlap in all technology-assisted instructional matters, neither are overly busy committees, and the proposed new structure will improve the
efficiency of both groups (now combined) without imposing unreasonable burdens on their members.

In addition, combining these two committees will allow for staff time and expertise to be used more efficiently. In past years the solution to staff shortages was to reduce the amount of support provided to committees which met infrequently. The result has been the loss of historical memory and consistency, and an increased workload for the faculty who sit on these committees. The new structure will allow the senate to assign staff support to this committee so that the level of service is equitable to other standing senate committees.

Of consideration is the desire to maintain campus representation on systemwide committees. Per Bylaw 325, the campus is allowed to designate a “corresponding” divisional committee without establishing a separate standing committee for that purpose. To that end, these bylaws have been written to assure continual Riverside representation on systemwide committees by designating the role of the Chair and Vice Chair as members of the UCCC (University Committee on Computing and Communications) and UCOLASC (University Committee on Library and Scholarly Communications).

A minor point of housekeeping is to correct the current bylaw reference to a UC committee which no longer exists (University Committee on Information Technology and Telecommunications Policy).

**Approvals**

Bylaw is effective upon approval

**Approved by the Committee on Academic Computing & Info Tech:** did not approve
**Approved by the Committee on Library & Scholarly Communications:** did not approve
**Approved by the Committee on Faculty Welfare:** May 3, 2013
**Approved by Committee on Committees:** April 25, 2013
**The Committee on Rules and Jurisdiction finds the wording consistent with the code of the Academic Senate:** May 3, 2013
**Approved by Executive Council in lieu of the Division:** October 14, 2013

Comments: The Executive Council encourages the newly formulated committee to review these bylaws and change the committee name to something more reflective of its duties.