EXECUTIVE COMMITTEE
COLLEGE OF ENGINEERING
REPORT TO THE RIVERSIDE DIVISION
May 30, 2006

To be adopted:

Proposed Changes in B.S. Degree in Chemical Engineering

Present

1. Lower Division Requirements (59 units)
   a) BIOL 005A, BIOL 05LA
   b) CHEM 001A, CHEM 001B, CHEM 001C
   c) CS 010
   d) MATH 009A, MATH 009B, MATH 009C, MATH 010A, MATH 010B, MATH 046
   e) PHYS 040A, PHYS 040B, PHYS 040C

2. Upper-division requirements (73 units)
   a) CEE 158
   b) CHEM 112A, CHEM 112B, CHEM 112C
   c) CHE 100, CHE 110A, CHE 110B, CHE 114, CHE 116, CHE 117, CHE 118, CHE 120, CHE 122, CHE 160B, CHE 160C, CHE 175A, CHE 175B
   d) CHE 130/ENVE 130, CHE 160A/ENVE 160A
   e) ENGR 118

3. Option Requirements: choose one option
   a) Biochemical Engineering option (20 units)
      (1) BCH 110A
      (2) BIOL 121/MCBL 121
      (3) CEE 010
      (4) CHE 124, CHE 124L
      (5) Four (4) units of technical electives chosen from CEE 132, CEE 135, CHE 140, CHE 150, CHE 171, ENVE 121

   b) Chemical Engineering option (18 units)
      (1) CEE 010, CEE 125
      (2) Twelve (12) units of technical electives chosen from CEE 132, CHE 102, CEE 135, CHE 136, CHE 171, ENVE 120, ENVE 133, ENVE 134, ENVE 138

   c) Bioengineering option (24-26 units)
      (1) BCH 110A, BCH 110B
      (2) BIOL 005B, BIOL 005C
      (3) CEE 011
      (4) Six to eight (6-8) units of technical electives chosen from BIEN 140A/CEE 140A, BIEN 140B/CEE 140B, BIOL 107A, BIOL 107B, BIOL 115, BIOL 121/MCBL 121, BIOL 128/CBNS128, CEE 147, CEE 159, CHE 124, CHE 140, CHE 150

Proposed

1. Lower Division Requirements (62 units)
   a) BIOL 005A, BIOL 05LA
   b) CHEM 001A, CHEM 01LA, CHEM 001B, CHEM 01LB, CHEM 001C, CHEM 01LC
   c) CS 010
   d) MATH 009A, MATH 009B, MATH 009C, MATH 010A, MATH 010B, MATH 046
   e) PHYS 040A, PHYS 040B, PHYS 040C

2. Upper-division requirements (76 units)
   a) [No Change]
   b) [No Change]
   c) [No Change]
   d) [No Change]
   e) [No Change]

3. Option Requirements: choose one option
   a) Biochemical Engineering option (20 units)
      [No Change]

   b) Chemical Engineering option (18 units)
      [No Change]

   c) Bioengineering option (24-26 units)
      [No Change]

Justification:
1) The CHEM 1A/B/C labs were added.

2) CHE 160A, 160B and 160 C were each increased by 1 unit.

Effective: Fall 2006
Approved by the faculty of Chemical Engineering on March 15, 2006
Approved by the Executive Committee, Bourns College of Engineering on April 19, 2006
Approved by the Committee on Educational Policy on May 9, 2006