EXECUTIVE COMMITTEE
COLLEGE OF ENGINEERING

REPORT TO THE RIVERSIDE DIVISION
MAY 30, 2006

Proposed Changes in B.S. Degree
Environmental Engineering

Present

Course Requirements:
1. Lower-division requirements (65 units)
   a) BIOL 005A, BIOL 05LA
   b) CEE 010
   c) CHEM 001A, CHEM 001B, CHEM 001C
   d) CS 010
   e) MATH 009A, MATH 009B, MATH 009C, MATH 010A, MATH 010B, MATH 046
   f) ME 010
   g) PHYS 040A, PHYS 040B, PHYS 040C

2. Upper-Division Requirements (75 units)
   a) CEE 158
   b) CHEM 112A-CHEM 112B
   c) CHE 100, CHE 114, CHE 120
   d) ENGR 118
   e) ENSC 100/SWSC 100
   f) ENVE 120, ENVE 133, ENVE 135, ENVE 142, ENVE 146, ENVE 160B, ENVE 160C, ENVE 171, ENVE 175A, ENVE 175B
   g) ENVE 130/CHE 130, ENVE 160A/CHE 160A

3. Option requirements: choose one option (12 units)
   a) Air Pollution Control Technology option
      (1) CHE 116
      (2) ENVE 134
      (3) Choose one from: CEE 125, CEE132, CHE 102, ENSC 135/CHEM 135/ENTX 135, ENVE 144/ENSC 144, ENVE 138, ENVE 145
   b) Water Pollution Control Technology option
      (1) CHE 124 or ENVE 121
      (2) Choose one from: CEE 125, CHE 116, ENSC 136, ENSC 163
      (3) Choose one from: CEE 132, ENSC 155, ENVE 144/ENSC 144, ENVE 145

Proposed

Course Requirements:
1. Lower-division requirements (68 units)
   a) BIOL 005A, BIOL 05LA
   b) CEE 010
   c) CHEM 001A, CHEM 01LA, CHEM 001B, CHEM 01LB, CHEM 001C, CHEM 01LC
   d) CS 010
   e) MATH 009A, MATH 009B, MATH 009C, MATH 010A, MATH 010B, MATH 046
   f) ME 010
   g) PHYS 040A, PHYS 040B, PHYS 040C

2. Upper-Division Requirements (78 units)
   a) CEE 158
   b) CHEM 112A-CHEM 112B
   c) CHE 100, CHE 114, CHE 120
   d) ENGR 118
   e) ENSC 100/SWSC 100
   f) ENVE 120, ENVE 133, ENVE 135, ENVE 142, ENVE 146, ENVE 160B, ENVE 160C, ENVE 171, ENVE 175A, ENVE 175B
   g) ENVE 130/CHE 130, ENVE 160A/CHE 160A

3. Option requirements: choose one option (12 units)
   a) Air Pollution Control Technology option
      (1) CHE 116
      (2) ENVE 134
      (3) Choose one from: CEE 125, CEE132, CHE 102, ENSC 135/CHEM 135/ENTX 135, ENVE 144/ENSC 144, ENVE 138, ENVE 145
   b) Water Pollution Control Technology option
      (1) CHE 124 or ENVE 121
      (2) Choose one from: CEE 125, CHE 116, ENSC 136, ENSC 163
      (3) Choose one from: CEE 132, ENSC 155, ENVE 144/ENSC 144, ENVE 145
Justification:

1) CHEM 1A/B/C labs have been included.

2) ENVE 160A/B/C were each increased by one unit to better reflect the work that is expected in the course.

Effective: Fall 2006

Approved by the faculty of Environmental Engineering on March 15, 2006
Approved by the Executive Committee, Bourns College of Engineering on April 20, 2006
Approved by the Committee on Educational Policy on May 9, 2006