To be adopted:

Proposed Changes to Major Requirements for the B.S. Degree in Chemistry, Environmental Chemistry Option

Present:

Environmental Chemistry Option
Students must consult with the undergraduate advisor before electing this option.

1. Lower-division requirements (73–74 units)
   a) CHEM 001A, CHEM 001B, CHEM 001C (or CHEM 01HA, CHEM 01HB, CHEM 01HC), CHEM 005
   b) MATH 009A, MATH 009B, MATH 009C, MATH 010A, MATH 010B, MATH 046
   c) PHYS 040A, PHYS 040B, PHYS 040C, PHYS 040D
   d) BIOL 005A, BIOL 005B, BIOL 005C

2. Upper-division requirements (64–68 units): A minimum grade of “C-” for any upper-division course used to fulfill the requirements for the Environmental Chemistry option.
   b) One course from ENSC 104/SWSC 104 or GEO 137
   c) Two additional courses from the group CHEM 150B, CHEM 197, CHEM 199, ENSC 104/SWSC 104, ENSC 140/SWSC 140, ENSC 142, ENSC 155, ENSC 163, ENTX 101, GEO 137, (4 units total from CHEM 197 and/or CHEM 199)

Proposed:

Environmental Chemistry Option
Students must consult with the undergraduate advisor before electing this option.

1. Lower-division requirements (73–74 units)
   a) CHEM 001A, CHEM 001B, CHEM 001C (or CHEM 01HA, CHEM 01HB, CHEM 01HC), CHEM 005
   b) MATH 009A, MATH 009B, MATH 009C, MATH 010A, MATH 010B, MATH 046
   c) PHYS 040A, PHYS 040B, PHYS 040C, PHYS 040D
   d) BIOL 005A and BIOL 05LA, BIOL 005B, BIOL 005C

2. Upper-division requirements (66–67 units): A minimum grade of “C-” for any upper-division course used to fulfill the requirements for the Environmental Chemistry option.
   b) One course from ENSC 104/SWSC 104 or GEO 137
   c) Two additional courses from the group CHEM 150B, CHEM 197, CHEM 199, ENSC 100, ENSC 101, ENSC 102, ENSC 104/SWSC 104, ENSC 140/SWSC 140, ENSC 142, ENSC 155, ENSC 163, ENTX 101, GEO 132, GEO 137, GEO 157 (4 units total from CHEM 197 and/or CHEM 199)
Justification:

The degree requirements have been changed to include the separation of BIOL 005A (combined lecture and lab 4 units) into BIOL 005A (lecture 3 units) and BIOL 05LA (lab 1 unit). The laboratory has been and continues to be required for the B.S. Degree in Chemistry, Environmental Chemistry Option.

Reviewed and Approved by Chemistry: March 25, 2004
Reviewed and Approved by CNAS Executive Committee: April 7, 2004
Reviewed and Approved by the Educational Policy Committee: April 20, 2004