TO BE ADOPTED: Proposed changes to the B.A. and B.S. Degrees in Environmental Sciences

Present:

Environmental Toxicology Option (72–74 units)
1. BIOL 005A, BIOL 05LA, BIOL 005B
2. CHEM 005 or BIOL 005C; CHEM 112A, CHEM 112B, CHEM 112C
3. ENTX 101, ENTX 154
4. MATH 009A, MATH 009B
5. PHYS 002A, PHYS 002B, PHYS 002C
6. PHYS 02LA, PHYS 02LB, PHYS 02LC are recommended
7. ENSC 006/ECON 006 or ENSC 143A/ECON 143A (ECON 003 prerequisite)
8. BCH 100 or both BCH 110A and BCH 110B; BIOL 102 or BIOL 121/MCBL 121; BCH 110C or BIOL 107A
9. STAT 100A and STAT 100B or STAT 120A and STAT 120B

Natural Science Option (83–88 units)
1. BIOL 005A, BIOL 05LA, BIOL 005B
2. PHYS 002A, PHYS 002B, PHYS 002C

Proposed:

Environmental Toxicology Option (84–92 units)
1. No change
2. No change
3. No change
4. MATH 009A or MATH 008B, MATH 009B
5. No change
6. No change
7. No change
8. No change
9. No change
10. No change

Natural Science Option (84–89 units)
1. No change
2. No change
3. PHYS 02LA, PHYS 02LB, PHYS 02LC are recommended

4. MATH 009A, MATH 009B

5. CHEM 112A, CHEM 112B

6. GEO 001 or GEO 002

7. ENSC 006/ECON 006 or ENSC 143A/ECON 143A (ECON 003 prerequisite), ENSC 172

8. STAT 100A and STAT 100B or STAT 120A and STAT 120B

9. Elective Courses:
   a) At least one course from BIOL 005C, CHEM 005, CHEM 112C, MATH 009C
   b) A total of at least five courses from the following (at least three must be Environmental Sciences or Soil and Water Sciences)


Soil Science Option (83–89 units)
1. BIOL 005A, BIOL 05LA, BIOL 005B
2. CHEM 112A, CHEM 112B
3. MATH 009A, MATH 009B
4. PHYS 002A, PHYS 002B, PHYS 002C
5. PHYS 02LA, PHYS 02LB, PHYS 02LC are recommended

Soil Science Option (84–89 units)
1. No change
2. No change
3. MATH 009A or MATH 008B, MATH 009B
4. No change
5. No change
6. GEO 001 or GEO 002
6. No change

7. ENSC 006/ECON 006 or ENSC 143A/ECON 143A (ECON 003 prerequisite)
7. No change

8. STAT 100A and STAT 100B or STAT 120A and STAT 120B
8. No change

9. Elective Courses:
9. No change

   a) A total of at least four courses from ENSC 127/SWSC 127, BPSC 134/ENSC 134/SWSC 134, ENSC 104/SWSC 104, ENSC 107/SWSC 107, ENSC 138/GEO 138/SWSC 138
   a) No change

   b) At least one course from CHEM 005, CHEM 112C, MATH 009C
   b) No change

   c) A total of at least two courses from ENSC 136/CHEM 136/ENTX 136/SWSC 136, ENSC 140/SWSC 140, ENSC 141/MCBL 141/SWSC 141, ENSC 142, ENSC 155, ENSC 163, ENSC 176/SWSC 176, ENSC 197, ENSC 198-I, BPSC 104/BIOL 104, BPSC 143/BIOL 143, BPSC 146, BPSC 166, GEO 030, GEO 157, GEO 162
   c) No change

**Justification**

This proposed revision to the Environmental Sciences Undergraduate Program is submitted to reflect the changes to the new math course (8B) which will overlap with Math 9A as credit will be awarded for only one of Math 8B or Math 9A or Math 9HA.

Approved by the Environmental Sciences Faculty on November 30, 2005
Approved by CNAS Executive Committee: April 18, 2006
Approved by Committee on Educational Policy: May 2, 2006