EBIO Ancillary Options

Students are required to complete 3 of the following ancillaries from any of the categories below.
If there is a lab associated with the course, the lab is required.

Math
- MATH 1212 (Data and Models)
- MATH 1150 (Precalculus)
- MATH 1310 (Calculus 1)/Math 1300/APPM 1350.
- MATH 2300 (Calculus 2) or APPM 1360
- MATH 2380 (Math for the Environment)

Chemistry
- CHEM 1021 (Intro Chem)
- CHEM 1011 (Environmental Chem 1)
- CHEM 1113 & 1114 (Gen. Chem. 1) or 1400 &1401
- CHEM 1133 & 1134 (General Chemistry 2)
- CHEM 3151/ATOC 3500 (Air Chem.&Pollution)
- CHEM 4141 (Environ. Water & Soil Chemistry)

Physics
- PHYS 1010 (Physics for Everyday Life)
- PHYS 2010 (General Physics 1)/PHYS 1110
- PHYS 2020 (General Physics 2)/PHYS 1120&1140
- PHYS 3070/ENVS 3070 (Energy & The Environ.)

Geology
- GEOL 1010 & 1030 OR
  1012 & 1030 (Exploring Earth & Lab)
- GEOL 1020 (Dodos, Dinos, & Deinococcus)
- GEOL 1150 (Water, Energy & Environment)

(Geology, continued)
- GEOL 1170 (Our Deadly Planet)
- GEOL 1180 (Our Microbial Planet)

Atmospheric and Oceanic Sciences
- ATOC 1060 (El Nino, Ozone, and Climate)
- ATOC 3070 (Intro to Oceanography)
- ATOC 4200 (Biogeochemical Oceanography)
- CHEM 3151/ATOC 3500 (Air Chem. & Pollution)

Computer Science
- CSCI 1200 (The art of comp. thinking & program.)
- CSCI 1300 (CSCI 1: Starting Computing)

Outside of EBIO Optional Electives

A maximum of 12 credit hours may be applied to the major.
Any course taken from this list will count towards your EBIO GPA.
Please check to make sure you have the prerequisites needed to be successful in the course.

Anthropology
- ANTH 3000-Primate Behavior
- ANTH 3005- Dogs, Wolves and Human Evolution
- ANTH 3010- The Human Animal
- ANTH 4020- Explorations in Anthropology - "Ecology & Adapt. Yellowstone"
- ANTH 4060- Nutrition and Anthropology
- ANTH 4110- Human Evolutionary Biology
- ANTH 4120- Advanced Physical ANTH.
- ANTH 4170- Primate Evolutionary Biology

Civil Engineering (CVEN)
- CVEN 3434- Intro to Applied Ecology
- CVEN 4484- Environmental Microbiology

Biochemistry
- BCHM 4400- Core Concepts in PChem for Biochemists
- BCHM 4611- Survey of Biochemistry
- BCHM 2700 or 4700- Foundations of Biochemistry
- BCHM 4720- Metabolic Pathways & Human Disease
- BCHM 4740- Biochem of Gene Transmission, expression, & Regulation
- BCHM 4761- Biochemistry Lab

Economics
- ECON 3535- Natural Resource Economics
- ECON 3545- Environmental Economics

Education

- EDUC 5315- Secondary Science Ed

Environmental Studies

- ENVS 2100- Permaculture
- ENVS 3600- Principles of Climate
- ENVS 4100- Special Topics in ENVS - "Ecology & Adapt. Yellowstone"
- ENVS 4100- Special Topics in ENVS - "Dogs, Wolves, Human Evolution"
- ENVS 4160- Intro to Biogeochemistry
- ENVS 4185- Geomicrobiology
- ENVS 4201- Biometeorol (o)10.2 (0 T)T05 T235.9 (o)-0.6DC /C20 1 Tf11.04 -0 fn Td(fn Td(fn Td(fn Td(fn Td(fn Td(fn Td(fn Td

(MCDB Continued)
- MCDB 4444- Cellular Basis of Disease
- MCDB 4471- Mech. of Gene Reg. in Eukaryotes
- MCDB 4501- Struc. Methods for Biological Macromolecules
- MCDB 4520- Bioinformatics & Genomics
- MCDB 4615- Biology of Stem Cells
- MCDB 4621- Genome Databases
- MCDB 4650- Developmental Biology
- MCDB 4750- Animal Virology
- MCDB 4777- Molecular Neurobiology
- MCDB 4790- Experimental Embryology
- MCDB 4810- The Biology & Biophysics of the Membrane

Philosophy
- Phil 3160- Bioethics
- Phil 3140- Environmental Ethics

Psychology
- PSYC 3102- Behavioral Genetics
- PSYC 3112- Behavioral Genetics 2
- PSYC 4052- Behavioral NRSC (NRSC 4052)