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1. Demonstrate a broad knowledge of environmental science and develop competency in biology, chemistry, and Earth science.

- A.** Understanding of the basic chemical principles, cell structure and organization, and metabolism of living organisms.
- B.** Understanding of plant and animal anatomy and physiology, with an emphasis on form and function.
- C.** Understanding of the diversity of organisms, systematic biology and phylogeny, and biological interactions over geological time.
- D.** Understanding the role of evolution in generating the diversity of form and function seen in life on Earth.
- E.** Understanding the role of the environment in determining the outcome of biological interactions.
- F.** Identifying the consequences of environmental changes arising from human activities.

- A.** Performance on 10 questions on exams that measure the Performance Indicators for BL155/157.
- B.** Performance on 10 questions on exams that measure the Performance Indicators for BL156/158.
- C.** Performance on 10 questions on exams that measure the Performance Indicators for BL159/160.
- D.** Performance on 10 evolution-themed questions in BL159 and BL222.
- E.** Performance on 10 questions in BL222. Performance on 10 questions in BL331 (climate change) and PH206 (pollution and conservation topics). Signature assignment in BL417: Lab report on environmental change.

The Biology Assessment Coordinator will collect the evidence from instructors each year. This evidence will be provided to Biology faculty and discussed at a

writing exercise. The results will be reported as “exceeds expectations”, “meets expectations”, or “doesn’t