Program Learning Outcomes

• Demonstrate knowledge and understanding of key concepts, principles, theories, and methods in four core areas: cell biology; molecular biology and genetics; organismal biology; and population biology, evolution, and ecology.

• Employ critical and analytical thinking in application of the scientific method, including formulating and testing hypotheses, designing experiments, analyzing data, interpreting results, and drawing conclusions.

• Report orally and in writing research results and conclusions according to accepted standards of professional biologists.

Demonstrate knowledge of careers in biology.