



**Biology Major**  
**Intended Student Learning Outcomes**

*Students will:*

1. demonstrate knowledge of biological concepts from molecular to ecological levels.
2. utilize appropriate scientific tools and methods in the completion of biological research.
3. communicate scientific information clearly in both written and oral forms.
4. analyze examples of problems associated with the social and ethical aspects of the biological sciences.
5. evaluate scientific literature and data critically, and draw conclusions.
6. integrate multiple levels of complexity in their explanation of biological processes

*September 2016*