

## **Biology Program Learning Goals**

1. Obtain a solid foundation in the basics of Biology.
  - a. Demonstrate a knowledge of the core material through oral and written assignments.
  - b. Complete a comprehensive course curriculum that covers cell/molecular biology, organismal biology, and ecology/population biology.
  - c. Provide evidence of increased understanding through annual Comprehensive Exams.
  
2. Develop competence in the techniques used in field and laboratory work.
  - a. Demonstrate the ability to use key scientific instruments and equipment via relevant hands-on lab and field experiences.
  - b. Show competence in data management and analysis, including proper preparation of laboratory reports.
  - c. Participate in independent inquiry through class projects and supervised research.
  
3. Become engaged in a meaningful liberal arts experience.
  - a. Students can explain how biology and its method of study are integrated into a multidisciplinary context.
  - b. Students attend and present at professional conferences and workshops.
  - c. Students act in an informed and ethical manner within the University and society at-large.