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ASSESSMENT

## **MA Biology**

### **Program-Level Student Learning Outcomes**

- Students will be able to understand that science is a process as well as a body of knowledge.
- Students will be able to demonstrate the importance of research by completing a scholarly project(s).
- Students will be able to demonstrate an understanding of professional ethics in the conduct of a scientific study.
- Students will be able to acquire the skills and knowledge needed for employment or advanced graduate study in discipline related areas.

## **MS Biology**

### **Program-Level Student Learning Outcomes**

- Students will be able to understand that science is a process as well as a body of knowledge.
- Students will be able to demonstrate the importance of research by designing and conducting a scientific study.
- Students will be able to prepare, communicate and defend original research in writing and in an oral presentation.
- Students will be able to demonstrate an understanding of professional ethics in the conduct of a scientific study.
- Students will be able to acquire the skills and knowledge needed for employment or advanced graduate study in discipline related areas.

## **MSE Biology**

### **Program-Level Student Learning Outcomes**

- Students in the biological sciences will be able demonstrate an understanding of basic biological concepts as well as understanding of learning theories and modern pedagogy.