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.