

**MGA – Academic Program
Assessment Plan and Curriculum Map**

On which campuses is the program offered? Macon & Cochran College/School: Arts & Sciences Department: Natural Sciences
 Academic Degree: B.S. Major: Biology Track (if applicable): _____

Assessment Plan

How will a student know they are learning what they need to learn to be successful when they graduate?

Please identify which type of learning activity will be used to teach the learning goal. Also identify the learning objective associated with the learning goal being taught. A learning outcome is a description of the knowledge, skills and abilities you will gain as you complete your coursework.

| | Learning Outcome | Assessment Types | Data Collection Points* | Target Performance |
|---------------------------|---|------------------------------------|---|---|
| Learning Outcome 1 | Biology majors should be able to demonstrate knowledge of the processes of evolution. | Test | Students will correctly answer 5 questions on the BIOL 3211 Evolution final exam. | 70% of students will correctly answer exam questions. |
| Learning Outcome 2 | Biology majors should be able to demonstrate knowledge of the differences and commonalities between prokaryotic and eukaryotic cells. | Test | Students will correctly answer 5 questions on the BIOL 3104K Cell Biology final exam. | 70% of students will correctly answer exam questions. |
| Learning Outcome 3 | Biology majors should be able to demonstrate knowledge of genetic material. | Test | Students will correctly answer 5 questions on the BIOL 4110K Genetics final exam. | 70% of students will correctly answer exam questions. |
| Learning Outcome 4 | Biology majors should be able to demonstrate knowledge of diversity and speciation of living things. | Test | Students will correctly answer 5 questions on the final exam in any one of the following courses: BIOL 3510K Invertebrate Biology, BIOL 3520K Vertebrate Zoology or BIOL 3360K Plant Biology. | 70% of students will correctly answer 5 final exam questions. |
| Learning Outcome 5 | Biology majors should be able to communicate scientific information both written and orally. | Written, oral or research project. | BIOL 4120 or BIOL 4894-written, oral or research presentation. | 70% of students will score a passing grade on a written, oral or research presentation. |

**Data collected for assessment purposes should be segmented by program location. Cochran, Macon, Dublin, Eastman, Warner Robins, or online students should be analyzed separately.*

