## MGA – Academic Program Assessment Plan and Curriculum Map

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

	How will a student	Assessment I know they are learning what they nee	Plan d to learn to be successful when they g	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.

	Where in a student's academic program will they be taught the content of each learning outcome and how will the content be taught?									
	Please identify the method of instruction (i.e. case study, lecture, experiential instruction, team activity, writing assignment, quantitative exercise) used to teach the learning outcome in courses required in the major. Not all major courses need to teach all learning outcomes.									
		to teach the le	arning outcome	e in courses requ	ured in the majo	or. Not all majo	r courses need t	o teach all learr	ning outcomes.	
Major Course										
LO1	BIOL 3211- lecture, writing or quantitative exercises (Junior year)									
LO2	BIOL 3104K- lecture, labs, quantitative exercises (Junior year)									
LO3	BIOL 4110K- lecture, labs, quantitative exercises (Senior year)									
L04	BIOL 3510K- lecture, labs, quantitative exercises (Junior year)	BIOL 3520K- lecture, labs, quantitative exercises (Junior year)	BIOL 3360K- lecture, labs, quantitative exercises (Junior year)							
LOS	BIOL 4120- lecture, discussion, writing assignment, oral presentation	BIOL 4894- Research, writing assignment, oral presentation								

**Curriculum Map**