



Master of Arts in Teaching
Secondary Education
Content Competencies
Biology Endorsement (grades 6-12)

This form is to notify MAT candidates of the content competency areas that are required for the Virginia Teaching Licensure and assist you in completing these requirements.

Student Information		
(Last Name)	(First Name)	(Student ID)
Bachelor's Degree:		

Guidelines	Helpful Contact Info
1. Candidates should have completed a bachelor's degree with a major in Biology , or a degree in a related field with courses similar to those required for a Bachelor's degree in Biology. Candidates must have at least the equivalent of a minor (minimum of 15 semester hours) in a related field prior to admissions to the program [Gate 1].	contentcompevals@liberty.edu
2. Candidates must document a minimum of 32 semester hours of Biology content courses spread throughout the five areas below OR a degree in another science discipline and at least 18 hours in the six biology areas below.	gate2@liberty.edu
3. Courses from a Bachelor's and/or Post-baccalaureate degree, including CLEP/DANTES, can satisfy the competencies.	gate3@liberty.edu
4. Every subject in each area requires at least one course in order to be considered complete. *Duplicate content may not be used to fulfill Content Competencies.	educ@liberty.edu
5. Any Incomplete Competencies displayed in this must be completed prior to student teaching .	PH: 1-800-424-9595
6. Passing Praxis II scores must be submitted with the Gate 3 packet prior to student teaching.	
Bachelor's Degree in Biology: Yes ☐ No ☐	

AREA	Competency	Course # and Title	Institution	Credit Hours	Met
Biology	Genetics/Molecular Biology				
	Botany				
	Zoology				
	Anatomy/Physiology				
	Ecology				
	Evolutionary Biology				
	Electives				
Add-On Earth Science	To add on an endorsement in Earth Science, students must have earned an endorsement in another science discipline and completed at least 18 credits in Earth sciences, including coursework in each of the following areas: geology, oceanography, meteorology, and astronomy.				
Add-On Physics	To add on an endorsement in Physics, students must have earned an endorsement in another science discipline and complteted at least 18 credits in physics, including coursework in each of the following areas: mechanics, electricity and magnetism, and optics.				

Note: All courses must have a prefix that matches the discipline of the competency. **Grade Requirements: All content competencies must receive a final grade of C or higher.	Total Hours:	0
	Required Hours:	32
	Status	INCOMPLETE
	Evaluator	
	Date	
	Update	