

UNIVERSITY DELL REQUIREMENTS (42 Credits)

<u>Core (12 Credits)</u>		SEM	GR
COMM 101	Oral Argumentation & Advocacy	_____	_____
ENGL 123W	College Writing Workshop	_____	_____
<i>Integrative Seminars</i>		NMBR	
DELL 100-level	First-Year Seminar	_____	_____
DELL 400-level	Senior-Year Seminar	_____	_____

Artistic & Creative Thinking* (3 Credits)

Ethics or Civic Engagement* (3 Credits)

Historical Interpretation* (3 Credits)

Language & Intercultural Competence** (6 Credits)

Literary Analysis* (3 Credits)

Living Well* (2 Credits)

Quantitative Reasoning* (3 Credits)

STAT 222 **Introductory Statistics**

Scientific Literacy* (4 Credits)

CHEM 111 **Fundamentals of Chemistry I**

Social Science Literacy* (3 Credits)

GENERAL ELECTIVES*** (17-24 Credits)

MAJOR REQUIREMENTS (65 Credits)

<u>Biology Core (23 Credits)</u>		SEM	GR
BIOL 113	Evolution, Ecology, & Organisms	_____	_____
BIOL 114	Cells: Genetic & Molecular Pers.	_____	_____
CHEM 111	Fundamentals of Chemistry I	_____	_____
CHEM 112	Fundamentals of Chemistry II	_____	_____
CHEM 221	Organic Chemistry I	_____	_____
STAT 222	Introductory Statistics	_____	_____

Required Courses (27 Credits)

BIOL 205W	Plant Biology	_____	_____
BIOL 210	Animal Biology	_____	_____
BIOL 224	Human Anatomy and Physiology I	_____	_____
BIOL 225	Human Anatomy and Physiology II	_____	_____
BIOL 321W	General Ecology	_____	_____
BIOL 323	Genetics	_____	_____
BIOL 405	Evolution	_____	_____

Capstone Courses (15 Credits)

BIOL 480W	Case Studies in Biology	_____	_____
EDUC 475	Student Teaching	_____	_____

NOTES

*Refer to the class schedule for lists of courses that satisfy University requirements.

**Must take two sequential courses.

***Courses that do not satisfy a major or DELL requirement. Can include coursework for a minor.

Total credits required for graduation: 124 Credits

For graduation with Honors, see Undergraduate Catalog

IMPORTANT CONSIDERATIONS: Students majoring in Biology with an Education Emphasis will double major in Biology Education. They should therefore follow the relevant four-year plan for the Biology Education major and work with Dr. Johnson Scott III and Dr. Christine Terry for more specific guidance.

Biology - Education Emphasis (Bachelor of Science)

Sample Four-Year Plan

While not all students will take all the courses in the same sequence, the guide below can be used in combination with the online graduation progress report as a pathway to degree completion. See the Academic Regulations in the University of Lynchburg Undergraduate Catalog for all academic degree requirements. Students should consult their major advisor for more specific guidance.

NOTE: The Biology-Education Emphasis major is intended for NSF Noyce Scholars who will double major in Biology Education. Therefore, this four year plan is identical to that of the Biology Education major.

Semester 1	Credits	Semester 2	Credits
BIOL 113	4	BIOL 114	4
EDUC 120	3	Quantitative Reasoning (STAT 222)	3
MATH 102*	3	ENGL 123W	3
College Success Strategies (G S 104)	1	COMM 101	3
First-Year Seminar	3	Language & Intercultural Competence II	3
Language & Intercultural Competence I	3		
Semester Credits:	17	Semester Credits:	16
Semester 3	Credits	Semester 4	Credits
Scientific Literacy (CHEM 111)	4	CHEM 112	4
BIOL 210	4	BIOL 205W	4
EDUC 222	3	EDUC 210	4
Historical Interpretation	3	Literary Analysis	3
Artistic & Creative Thinking	3	Living Well	2
Semester Credits:	17	Semester Credits:	17
Semester 5	Credits	Semester 6	Credits
BIOL 224	4	BIOL 225	4
BIOL 321W	4	BIOL 256	4
CHEM 221	4	EDUC 351	3
EDUC 339	3	EDUC 362	3
		Social Scientific Literacy	3
Semester Credits:	15	Semester Credits:	17
Semester 7	Credits	Semester 8	Credits
BIOL 405	3	EDUC 480	12
BIOL 480W	3		
EDUC 444	2		
Senior-Year Seminar	3		
Ethics or Civic Engagement	3		
Semester Credits:	14	Semester Credits:	12

Minimum Credits Required to Graduate: 124

Although **MATH 102 is not required for the major, this course is a pre-requisite for **CHEM 111**, which is required for the major; therefore, students who place into **MATH 103** do not need to take **MATH 102**.*