

UNIVERSITY DELL REQUIREMENTS (42 Credits)

Core (12 Credits)

		SEM	GR
COMM 101	Oral Argumentation & Advocacy	_____	_____
ENGL 123W	College Writing Workshop	_____	_____

Integrative Seminars

		NMBR	
DELL 100-level	First-Year Seminar	_____	_____
DELL 400-level	Senior-Year Seminar	_____	_____

Artistic & Creative Thinking* (3 Credits)

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Ethics or Civic Engagement* (3 Credits)

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Historical Interpretation* (3 Credits)

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Language & Intercultural Competence** (6 Credits)

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Literary Analysis* (3 Credits)

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Living Well* (2 Credits)

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Quantitative Reasoning* (3 Credits)

<u>MATH 103</u>	<u>Calculus I</u>	_____
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Scientific Literacy* (4 Credits)

<u>CHEM 111</u>	<u>Fundamentals of Chemistry I</u>	_____
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Social Science Literacy* (3 Credits)

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GENERAL ELECTIVES*** (2-9 Credits)

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MAJOR REQUIREMENTS (80 Credits)

Chemistry Core Courses (47 Credits)

		SEM	GR
CHEM 111	Fundamentals of Chemistry I	_____	_____
CHEM 112	Fundamentals of Chemistry II	_____	_____
CHEM 206	Environmental Chemistry	_____	_____
CHEM 221	Organic Chemistry I	_____	_____
CHEM 222	Organic Chemistry II	_____	_____
CHEM 242W	Research Methodology in Chemistry	_____	_____
CHEM 320	Introductory Biochemistry	_____	_____
CHEM 359	Analytical Chemistry I	_____	_____
CHEM 360	Analytical Chemistry II	_____	_____
CHEM 441	Chemistry Seminar	_____	_____
MATH 103	Calculus I	_____	_____
PHYS 141	College Physics I	_____	_____
PHYS 142	College Physics II	_____	_____

Professional Courses (33 Credits)

EDUC 120	Educational Psyc & Human Development	_____
EDUC 210	Found of Educ & the Teaching Profession	_____
EDUC 222	Human Diversity & Exceptionalities, 6-12	_____
EDUC 339	Curriculum, Methods, & Assessment, 6-12	_____
EDUC 351	Reading in the Content Areas	_____
EDUC 362	Classroom and Behavior Management	_____
EDUC 444	Field Experience II (S)	_____
EDUC 480	Student Teaching, 6-12	_____

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.

Chemistry Education Major (Bachelor of Arts)

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.

Semester 1	Credits	Semester 2	Credits
Scientific Literacy (CHEM 111)	4	CHEM 112	4
MATH 102*	3	Quantitative Reasoning (MATH 103)	3
EDUC 120	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
CHEM 221	4	CHEM 222	4
EDUC 222	3	CHEM 242W	3
Historical Interpretation	3	EDUC 210	4
Artistic & Creative Thinking	3	Literary Analysis	3
Social Science Literacy	3	Living Well	2
Semester Credits:	16	Semester Credits:	16
Semester 5	Credits	Semester 6	Credits
PHYS 141 or 161	4	PHYS 142 or 162	4
CHEM 320	4	CHEM 206	4
CHEM 359	4	CHEM 360	4
EDUC 339	3	EDUC 351	3
		EDUC 362	3
Semester Credits:	15	Semester Credits:	18
Semester 7	Credits	Semester 8	Credits
CHEM 441	1	EDUC 480	12
EDUC 444	2		
Senior-Year Seminar	3		
Elective	3		
Elective	3		
Semester Credits:	15	Semester Credits:	12

Minimum Credits Required to Graduate: 124

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