University of Lynchburg

UNIVERSITY D.E.L.L. REQUIREMENTS (31-32 Credits)

Core (12 Credits)

		CR	SEM	GR
COMM 101	Argumentation and Advocacy	3	____	____
ENGL 123W	College Writing Workshop	3	____	____

Integrative Seminars

_____	First-Year OR Transfer Seminar	3	____	____
_____	Senior-Year Seminar	3	____	____

Fine Arts & Humanities* (6 Credits)

_____	Fine Arts & Humanities El.	3	____	____
_____	Fine Arts & Humanities El.	3	____	____

Language & Intercultural Competence* (3 Credits)

_____	Language & Intercultural El.	3	____	____

Quantitative Reasoning* (3 Credits)

STAT 222	Quantitative Reasoning El.	**SH**	____	____

Scientific Literacy* (4 Credits)

_____	Scientific Literacy El.	4	____	____

Social Science Literacy* (3 Credits)

_____	Social Science Literacy El.	3	____	____

GENERAL ELECTIVES** (50-53 Credits)

GS 104	College Success Strategies	1	____	____
_____	_____	__	____	____
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MAJOR REQUIREMENTS (39 Credits)

Statistics Core (24 Credits)

		CR	SEM	GR
CS 131	Fundamentals of Programming	3	____	____
MATH 103	Calculus I	3	____	____
MATH 104	Calculus II	3	____	____
MATH 311	Probability Theory	3	____	____
STAT 222	Introductory Statistics	3	____	____
STAT 305	Data Handling for Statistics	3	____	____
STAT 333	Mathematical Statistics	3	____	____
STAT 400W	Statistical Methods	3	____	____

Statistics Core (6 Credits)

Two from the following:

STAT 300	Applied Data Analysis	3	____	____
STAT 302	Intro to Statistical Inference	3	____	____
STAT 325	Applied Regression Analysis	3	____	____

Internship or Research (3 Credits)

One from the following:

STAT 399	Internship in Statistics	3	____	____
STAT 451W	Senior Project	3	____	____

Additional Major Electives[a] (6 Credits)

_____	_____	__	____	____
_____	_____	__	____	____

NOTES

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

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

[c] Choose 6 credits from Other CS courses (any level) or other MATH courses 200 level and above or STAT courses 300 level and above.

Total credits required for graduation: 120 Credits
- For graduation with Honors, see Undergraduate Catalog.
- Courses marked Shared (**SH**) will cover general education requirements, but will not earn a second amount of credits for the completed course.

Statistics and Data Science Major (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.

Semester 1	Credits
MATH 103	3
Quantitative Reasoning (STAT 222)	3
College Success Strategies (G S 104)	1
ENGL 123W	3
First-Year Seminar	3
Language & Intercultural Competence	3
Semester Credits:	**16**

Semester 2	Credits
MATH 104	3
STAT 305	3
COMM 101	3
Elective	3
Elective	3
Semester Credits:	**15**

Semester 3	Credits
MATH 311	3
Statistics Core	3
Fine Arts & Humanities	3
Scientific Literacy	4
Elective	3
Semester Credits:	**16**

Semester 4	Credits
STAT 333	3
Statistics Core	3
Fine Arts & Humanities	3
Elective	3
Elective	3
Semester Credits:	**15**

Semester 5	Credits
Major Elective	3
Elective	3
Elective	3
Elective	3
Elective	3
Semester Credits:	**15**

Semester 6	Credits
CS 131	3
Major Elective	3
Social Scientific Literacy	3
Elective	3
Elective	3
Semester Credits:	**15**

Semester 7	Credits
STAT 451W	3
Elective	3
Elective	3
Elective	3
Elective	3
Semester Credits:	**15**

Semester 8	Credits
STAT 400W	3
Senior-Year Seminar	3
Elective	3
Elective	3
Elective	1
Semester Credits:	**13**

Minimum Credits Required to Graduate: 120