

LIBERTY UNIVERSITY

College of Arts and Sciences
Degree Completion Plan (DCP)

**B.S. in
Mathematics**

Name _____ ID _____

GENERAL EDUCATION REQUIREMENTS (55-57 hours)
ALL GENERAL EDUCATION COURSES MUST BE CHOSEN FROM THE LIST OF "APPROVED RESIDENTIAL GENERAL EDUCATION & INTEGRATIVE COURSES." (www.liberty.edu/gened)

FOUNDATIONAL STUDIES (16 hours)
MUST be completed within the first 45 hours of a student's program.
Transfer students must complete within their first year at Liberty.

Course	Hrs.	Sem.	Taken	Grade
ENGL 101 Composition and Rhetoric	3			
ENGL 102 Composition and Literature	3			
COMS 101 Speech Communication	3			
+MATH _____ (above 110)	3			
GNET 101 Contemporary Issues I	1			
GNET 102 Contemporary Issues II	1			
EVAN 101 Evangelism and Christian Life	2			

+Sufficient placement in mathematics may give option for computer science course (see Department Chair).

Technology Competency Sem. Passed _____

INVESTIGATIVE STUDIES (39-41 hours)

ENGL 201, 202, 215, 216, 221, or 222	3			
NAT SCI _____	3			
NAT SCI, MATH or BUSI 201	3			
HIUS 221 or 222 or HIEU 201 or 202	3			
GOVT 200, PSYC 101 or 210, SOC 200 or 201	3			
SOC SCI/HIST _____	3			
HUMN 101, THEA 101, ARTS 105, or MUSC 103 AND	3			
*GEN ED ELECTIVE (non-language)	3			
OR				
**LANG _____ AND	3			
**LANG _____	3			
PHIL 201 Phil./Contemporary Ideas	3			
THEO 201 Theology Survey I	3			
THEO 202 Theology Survey II	3			
BIBL 105 Old Testament Survey OR ^BIBL 205 Old Testament Life/Literature	3			
BIBL 110 New Testament Survey OR ^BIBL 210 New Testament Life/Literature	3			

*Choose from Fine Arts/Nat Sci/Math or CSCI/Soc Sci/
BUSI 201/ARTS 105

**Must be the same language

^Options available to Honors students

MAJOR: MATHEMATICS (39 hours)

Course	Hrs.	Sem.	Taken	Grade
MATH 131 Calculus/Analytic Geometry I	4			
MATH 132 Calculus/Analytic Geometry II	4			
MATH 133 Calculus with Mathematica Lab 1				
MATH 200 Introduction to Mathematical Reasoning	2			
MATH 211 Intro. to Statistical Analysis	3			
MATH 231 Calculus and Analytical Geometry III	4			
MATH 321 Linear Algebra	3			
MATH 421 Elementary Abstract Algebra I	3			
MATH 431 Real Analysis	3			
MATH 305, 332, or 334	3			
MATH 307, 331, or 422	3			
MATH 301, 302, 350, 352, 401	3			
MATH _____ (upper level)	3			

NOTE: MATH 401 or 422 must be part of the degree program.

DIRECTED COURSES (REQUIRED) (0-14 hours) Only these courses (>) are approved General Education courses and may be counted in Foundational/Investigative Studies.

(>)PHYS 231 University Physics I	4			
(>)PHYS 232 University Physics II	4			
(>)CSCI 110 Computing Foundations/Ethics	3			
(>)CSCI 111 Introduction to Programming	3			

FREE ELECTIVES (12-24 hours) [12 hours must be upper level]
Minors are included as elective hours, as are CRST 290 and any INFT courses.

_____	_____	_____	_____
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GRADUATION REQUIREMENTS

CRST 290 History of Life	2-3	_____	_____
FRSM 101 Freshman Seminar	REQ.	_____	MET _____

All Christian/Community Service requirements must be satisfied before a degree will be awarded.

TOTAL – 120 hours minimum required. (Of this total, at least 33 hours must be 300-400 level.)