

LIBERTY

UNIVERSITY.

School of Health Sciences
Degree Completion Plan (DCP)

**B.S. in
Biochemistry and Molecular Biology**

Name _____ ID _____

GENERAL EDUCATION: CORE COMPETENCY REQUIREMENTS
(59-63 hours)

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

COMMUNICATION (6 hours)

Course	Hrs.	Sem. Taken	Grade
COMS 101 Speech Communication	3	_____	_____
ENGL 101 Composition and Rhetoric	3	_____	_____

MATHEMATICS, SCIENCE, & TECHNOLOGY (11-15 hours)

CRST 290 History of Life OR CRST 390 Origins	2-3	_____	_____
MATH _____ (above 110)	3	_____	_____
NAT SCI _____	3	_____	_____
NAT SCI, MATH or BUSI 201	3	_____	_____
Technology Competency	0-3	_____	_____

INFORMATION LITERACY (6 hours)

ENGL 102 Composition and Literature	3	_____	_____
HIEU 201 or 202 or HIUS 221 or 222	3	_____	_____

CRITICAL THINKING (15 hours)

ENGL 201, 202, 215, 216, 221, or 222	3	_____	_____
GOVT 200, PSYC 101 or 210, SOC1 200 or 201	3	_____	_____
PHIL 201 Phil./Contemporary Ideas	3	_____	_____
HUMN 101, THEA 101, ARTS 105, or MUSC 103 AND	3	_____	_____
*GEN ED ELECTIVE (non-language)	3	_____	_____
	OR		
**LANG _____ AND	3	_____	_____
**LANG _____	3	_____	_____

BIBLICAL WORLDVIEW (21 hours)

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	_____	_____
BWVW 101 Biblical Worldview I	2	_____	_____
BWVW 102 Biblical Worldview II	2	_____	_____
EVAN 101 Evangelism and Christian Life	2	_____	_____
PSYC 150 Psychology of Relationships	3	_____	_____
THEO 201 Theology Survey I	3	_____	_____
THEO 202 Theology Survey II	3	_____	_____

*All courses **except** ENGL and Language qualify for the General Education elective

**Must be the same language

^Options available to Honors students

**NOTES: CHEM 121 and 122 are prerequisites to BIOL 301
CHEM 301 is a prerequisite or co-requisite for BIOL 415**

MAJOR: BIOCHEMISTRY AND MOLECULAR BIOLOGY (36 hours)

Course	Hrs.	Sem. Taken	Grade
BIOL 224 General Biology I	4	_____	_____
BIOL 207 General Botany OR BIOL 225 General Biology II	4	_____	_____
BIOL 301 Genetics	4	_____	_____
BIOL 303 Microbiology	4	_____	_____
BIOL 415 Cell Biology	4	_____	_____
BIOL 400 Biology Seminar	1	_____	_____
BIOL 455 Molecular Techniques	3	_____	_____
BIOL _____ (upper level)	4	_____	_____
BCHM 451 Biochemistry I	4	_____	_____
BCHM 452 Biochemistry II	4	_____	_____

"C" or better is required in all courses

DIRECTED COURSES (REQUIRED) (24-36 hours) Only these courses (>) are approved General Education courses and may be counted in the Core Competency requirements..

(>)CHEM 121 General Chemistry I	4	_____	_____
(>)CHEM 122 General Chemistry II	4	_____	_____
CHEM 301 Organic Chemistry I	4	_____	_____
CHEM 302 Organic Chemistry II	4	_____	_____
(>)MATH 131 Calculus/Analytic Geometry I	4	_____	_____
(>)MATH 132 Calculus/Analytic Geometry II	4	_____	_____
MATH 133 Calculus with Math Lab	1	_____	_____
(>)MATH 211 Intro. to Statistical Analysis	3	_____	_____
(>)PHYS 231 University Physics I	4	_____	_____
(>)PHYS 232 University Physics II	4	_____	_____

"C" or better is required in all courses

FREE ELECTIVES (0-1 hour) Minors are included as elective hours.

_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

GRADUATION REQUIREMENTS

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 36 hours must be 300-400 level.)