

# LIBERTY

UNIVERSITY.

School of Health Sciences  
Degree Completion Plan (DCP)

**B.S. in  
Cell & 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](http://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, SOC 200 or 201	3	_____	_____
PHIL 201 Phil./Contemporary Ideas	3	_____	_____

HUMN 101, THEA 101, ARTS 105, or MUSC 103 <b>AND</b>	3	_____	_____
*GEN ED ELECTIVE (non-language)	3	_____	_____

**LANG _____ <b>AND</b>	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

**NOTE: MATH 131/132 (8 hours) is strongly recommended.**

7/1/2012

**MAJOR: CELL & MOLECULAR BIOLOGY** (36 hours)

Course	Hrs.	Sem. Taken	Grade
BIOL 224 General Biology I	4	_____	_____
BIOL 225 General Biology II	4	_____	_____
BIOL 301 Genetics	4	_____	_____
BIOL 303 Microbiology	4	_____	_____
BIOL 400 Biology Seminar	1	_____	_____
BIOL 415 Cell Biology	4	_____	_____
BIOL 455 Molecular Techniques	3	_____	_____
BIOL 330, 403, 420, or BCHM 452	4	_____	_____
BIOL 330, 403, 420, or BCHM 452	4	_____	_____
BCHM 451 Biochemistry I	4	_____	_____

"C" or better is required in all courses

**DIRECTED COURSES (REQUIRED)** (18-36 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 126 OR 131/132/133	3/9	_____	_____
(>)MATH 201 Intro. to Probability/Statistics OR MATH 211 Intro. to Statistical Analysis	3	_____	_____
(>)PHYS 201 and 202 OR PHYS 231 and 232	4	_____	_____

"C" or better is required in all courses

**FREE ELECTIVES** (3-7 hours) 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.)