

Requirements For Graduation
Biochemistry – BACHELOR OF SCIENCE

Updated 10/2016
Class of 2017 and later

120 Hours required

12 hours Biology, 10 Hours Biochemistry, 20 Hours Chemistry

16 hours Mathematics and Physics

62 hours Electives

Must have a 2.0 average in major or courses required by the major and no more than two grades below C- in required courses

Name _____

Student ID No. _____

Expected Graduation Date _____

Minor (if any) _____

REQUIREMENTS IN THE MAJOR

Course # Title	Hrs	Grade
----------------	-----	-------

BIOLOGY – 12 Hours

BIOL-121 Principles Biology I	4	_____
BIOL-122 Principles Biology II	4	_____
BIOL-227 Genetics	4	_____

BIOCHEMISTRY – 10 Hours

BIOC-353 Biochemistry: Protein..	3	_____
BIOC-354 Biochemistry: Molecular..	4	_____
BIOC-481 Current Topics	3	_____

CHEMISTRY – 20 Hours

CHEM-121 Principles Chem	4	_____
OR		
CHEM-123 Principles of Chem	4	_____
CHEM-124 Exper Chem I	2	_____
CHEM-221 Organic Chem I	3	_____
CHEM-222 Organic Chem II	3	_____
CHEM-225 Exper Chem II	2	_____
CHEM-232 Quantitative Chem	3	_____
CHEM-331 Physical Chem I	3	_____

Inquiry-Based Laboratory Elective Select one course:

BIOC-390 Indep Res in Biochem	3	_____
BIOC-410 Expl Biochemistry	3	_____

Cellular Biochemistry Elective Select one course (4 credits):

BIOL-345 Developmental Bio	4	_____
BIOL-352 Microbiology	4	_____
BIOL-354 Cell Biology	4	_____

Course # Title	Hrs	Grade
----------------	-----	-------

BIOLOGY OR CHEMISTRY

Select at least 3 credits from a 300 or 400 level Biology or Chemistry course. This can include two 1.5 credit block courses. Seminar and Research courses cannot count toward this elective requirement. (Credits taken to fulfill this requirement cannot also count toward the Inquiry Based Laboratory Elective or Cellular Biochemistry Elective requirement).

PHYSICS – 8 Hours Select one sequence:

PHYS-101 Intro to Physics	4	_____
PHYS-102 Intro to Physics	4	_____
OR		
PHYS-117 Principles of Physics	4	_____
PHYS-118 Principles of Physics	4	_____

MATHEMATICS – 8 Hours Select one sequence:

MATH-108 Calc for Dec Making	4	_____
MATH-145 Stats for the Health, Life, and Social Sci	4	_____
OR		
MATH-111 Calc I	4	_____
MATH-112 Calc II	4	_____

Total, required major courses	68
ICC	28-40
Electives	12-24
Total, B.S. in Biochemistry	120

(OVER)

OTHER COURSES NOT REQUIRED IN THE MAJOR OR IN GENERAL EDUCATION

<u>Course Number</u>	<u>Title</u>	<u>Credit Hours</u>	<u>Grade</u>

OTHER INFORMATION: