

**Requirements For Graduation
Biochemistry – BACHELOR OF SCIENCE**

Updated 3/08

120 Hours required
16 Hours Biology, 9 Hours Biochemistry, 23 Hours Chemistry
16-17 Mathematics and Physics
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) _____

I. REQUIREMENTS IN THE MAJOR

BIOLOGY – 16 Hours

Course #	Title	Hrs	Grade
BIOL-121	Principles Biology	4	_____
BIOL-122	Principles Biology	4	_____
BIOL-227	Genetics	4	_____
BIOL-354	Cell Biology	4	_____

BIOCHEMISTRY – 9 Hours

BIOC-353	Biochemistry I	3	_____
BIOC-354	Biochemistry II	3	_____
BIOC-481	Selected Topics	3	_____

CHEMISTRY – 23 Hours

CHEM-121	Principles Chem	4	_____
CHEM-124	Exper Chem I	2	_____
CHEM-221	Organic Chem	3	_____
CHEM-222	Organic Chem	3	_____
CHEM-225	Exper Chem II	2	_____
CHEM-232	Quantitative Chem	3	_____
CHEM-324	Exper Chem III	3	_____
CHEM-331	Physical Chem I	3	_____

BIOLOGY OR CHEMISTRY ELECTIVE – 3 or 4 Hrs

BIOL-315	Neurobiology	4	_____
BIOL-345	Development Biology	4	_____
BIOL-376	Endocrinology	4	_____
BIOL-378	Environmental Toxicology	4	_____
BIOL-452	Microbiology	4	_____
BIOL-473	Plant Physiology	3	_____
CHEM-326	Experimental Chemistry	3	_____
CHEM-332	Physical Chemistry	3	_____
CHEM-342	Inorganic Chemistry	3	_____
CHEM-356	Nuclear Magnetic Resonance	3	_____
CHEM-421	Advanced Organic Chemistry	3	_____

PHYSICS – 8-9 Hours

PHYS-101	Intro to Physics	4	_____
PHYS-102	Intro to Physics	4	_____
OR			
PHYS-117	Principles Physics	4	_____
PHYS-118	Principles Physics	3	_____
PHYS-120	Freshman Lab	2	_____

MATHEMATICS – 8 Hours

_____	_____	4	_____
_____	_____	4	_____

MATH-11100, MATH-11200 or MATH-11100, MATH- 24400 or MATH-10800.

II. GENERAL EDUCATION REQUIREMENTS

1. FOUNDATIONAL COURSES

A. Writing Effectiveness	Course #	Title	Hrs	Grade
_____	_____	_____	_____	_____

Effectiveness Approved by:

Course: Date Approved _____

Or Portfolio: Date Approved _____

Or Department: Date Approved _____

B. Mathematics [met by major]

2. FOCUSED CURRICULAR CHOICE (33)

I. Self and Society (12/4 courses)

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

II. Science (6), Math & Formal Reasoning (3)

[all met by Major]

III. Human Expression (12)

A. Language (6)

_____	_____	3	_____
_____	_____	3	_____

B. Visual & Performing Arts (6)

_____	_____	3	_____
_____	_____	3	_____

3. GLOBAL & HISTORICAL

Global and Historical Perspective can be met by courses taken for Area 2 [Focused Curricular Choice]. At least 6 credits must be in courses designated global and 6 in those designated historical.

A. Global (6)

_____	_____	3	_____
_____	_____	3	_____

B. Historical (6)

_____	_____	3	_____
_____	_____	3	_____

(OVER)

III. 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>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
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_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

IV. OTHER INFORMATION: