

**SUGGESTED FOUR-YEAR PLAN for the
BACHELOR OF SCIENCE IN
BIOCHEMISTRY**

Freshman Year

<u>Fall</u>	<u>Credits</u>	<u>Spring</u>	<u>Credits</u>
CHEM 101 General Chemistry I.....	4	CHEM 102 General Chemistry II.....	4
BIOL 101 General Biology I.....	4	BIOL 102 General Biology II.....	4
MATH 161 Calculus I.....	4	MATH 162 Calculus II.....	4
WRIT 101 Foundations of Academic Discourse.....	3	HUMA 102 Civ and the Biblical Revelation.....	3
Physical Education 101 (men)/111 (women).....	<u>1</u>	Physical Education 102 (men)/112 (women).....	<u>1</u>
	16		16

Sophomore Year

<u>Fall</u>	<u>Credits</u>	<u>Spring</u>	<u>Credits</u>
CHEM 235 Chemistry in Context.....	1	CHEM 231 Descriptive Inorg/Bioinorg Chemistry.....	2
CHEM 241 Organic Chemistry I.....	4	CHEM 242 Organic Chemistry II.....	4
BIOL 233 Genetics.....	4	BIOL 234 Cell Biology.....	4
HUMA 200 Western Civilization.....	3	HUMA 202 Civilization and Literature.....	3
PSYC 201 Statistical Methods.....	<u>3</u>	Foundations of Social Science Course.....	<u>3</u>
	15		16

Junior Year

<u>Fall</u>	<u>Credits</u>	<u>Spring</u>	<u>Credits</u>
CHEM 227 Analytical Chemistry.....	4	CHEM 342 Physical Chemistry of Biological Systems*.....	4
CHEM 351 Biochemistry I.....	4	CHEM 352 Biochemistry II.....	4
PHYS 121 College Physics I.....	4	PHYS 122 College Physics II.....	4
SSFT Course.....	2	HUMA 303 Christianity and Civilization.....	<u>3</u>
General Elective.....	<u>3</u>		15
	17		

Senior Year

<u>Fall</u>	<u>Credits</u>	<u>Spring</u>	<u>Credits</u>
CHEM 451 Biochemistry: Data & Analysis.....	3	CHEM 487 Biochemistry Seminar.....	1
HUMA 301 Civilization and the Arts.....	3	General Electives.....	<u>15</u>
General Electives.....	<u>11</u>		16
	17		

The schedule above satisfies the 128 required credit hours for graduation.

There is a great deal of flexibility in the Junior and Senior years.

*CHEM 342 is offered alternate years beginning Spring 2015. Schedule accordingly as you may need to take this course in the Senior year.

Students should be aware that some electives are only available in specific semesters.