

B.S. in Biochemistry
Suggested Four-Year Program of Study

First Year

IDFY 101	First Year Seminar	3	IDRC 151	Created/Called for Community	3
CHEM 105	General Chemistry I	4		Statistics (3) or Calculus II (4)	3/4
MATH 111	Calculus I	4	CHEM 106	General Chemistry II	4
BIOL 160	Molecular & Cellular Biology	4		Language	3
		<u>15</u>	Comm 10X	Communication	<u>3</u>
					<u>16/17</u>

Sophomore Year

CHEM 309	Organic Chemistry I	4	CHEM 310	Organic Chemistry II	4
CHEM 221	Chemical Analysis I	4	PHYS 211	General Physics I	4
BIOL 260	Genetics & Development	3		Language or Cross Cultural	3
PHIL 101/102	Philosophy	3	BIBL 2XX	Encountering The Bible OT/NT	3
101/102	Language	3	PHED	Introduction to Wellness	<u>2</u>
		<u>17</u>			<u>16</u>

Junior Year

CHEM 390	Junior Chemistry Seminar	1	CHEM 409	Advanced Organic Chemistry *	3
CHEM 410	Biochemistry I	4	CHEM 321	Chemical Analysis II	4
	History	3		Social Science	3
PHYS 212	General Physics II	4	CHEM 412	Biochemistry II*	4
	Literature	3		Physical Education	1
		<u>15</u>	CHEM 393	Research Methods (optional)	<u>1</u>
					<u>16</u>

Senior Year

BIOL 413	Molecular Biology*	4	BIOL 4XX	Biology Elective*	4
CHEM 337	Physical Chemistry I*	3	CHEM 495	Natural Sciences Capstone	3
CHEM 422	Senior Research (optional)	2	CHEM 490	Senior Chemistry Seminar	1
	Non-Western Studies	2/3		Arts	3
THEO 20X	Christian Beliefs	3		Elective	<u>3</u>
	Ethics/World Views/Pluralism	3			<u>14</u>
		<u>17/18</u>			

*Interchangeable between Junior and Senior years

