

**BS BIOCHEMISTRY PROGRAM  
(SAMPLE 4-YEAR PLAN)**

**rev. Fall 2012**

<b>FALL - YEAR 1</b>		<b>WINTER - YEAR 1</b>		<b>SPRING - YEAR 1</b>		<b>SUMMER - YEAR 1</b>	
<b>Course</b>	<b>Units</b>	<b>Course</b>	<b>Units</b>	<b>Course</b>	<b>Units</b>	<b>Course</b>	<b>Units</b>
CHEM 101	5	CHEM 102	5	CHEM 103	5	CHEM 201	5
MATH 104B	4	MATH 206*	4	MATH 207	4	UNIV 400 (WPE)	0
NSS 101	4	ENGL 101	4	ENGL 102	4	GE Block D	4
<b>Total Units</b>	<b>13</b>	<b>Total Units</b>	<b>13</b>	<b>Total Units</b>	<b>13</b>	<b>Total Units</b>	<b>9</b>

<b>FALL - YEAR 2</b>		<b>WINTER - YEAR 2</b>		<b>SPRING - YEAR 2</b>		<b>SUMMER - YEAR 2</b>	
<b>Course</b>	<b>Units</b>	<b>Course</b>	<b>Units</b>	<b>Course</b>	<b>Units</b>	<b>Course</b>	<b>Units</b>
CHEM 291A	3	CHEM 291B	3	CHEM 301	3	GE BLOCK C	4
PHIL 250	4	CHEM 292A	2	CHEM 292B	2	GE BLOCK D	4
BIO 100A*	5	BIO 100B	5	CHEM 360	3		
MATH 208	4	MATH 209	4	CHEM 280	3		
				COMM 150	4		
<b>Total Units</b>	<b>16</b>	<b>Total Units</b>	<b>14</b>	<b>Total Units</b>	<b>15</b>	<b>Total Units</b>	<b>8</b>

**\*GE "double counting":** This roadmap already incorporates double counting, so if you follow this roadmap, you won't be taking unnecessary general education courses. These are the GE requirements and the course you will be taking that counts for it: GE Quantitative Reasoning/MATH 206; GE Physical Sciences/PHYS 211; GE Biological Sciences/BIOL 100A. This "double counting" saves you 12 units of LD GE coursework.

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FALL – YEAR 3		WINTER – YEAR 3		SPRING – YEAR 3		SUMMER – YEAR 3	
Course	Units	Course	Units	Course	Units	Course	Units
CHEM 431A	3	CHEM 431B	3	CHEM 431C	3		
CHEM 318	3	CHEM 432A	2	CHEM 432B	2		
PHYS 211*	5	PHYS 212	5	PHYS 213	5		
POLS 150	4	HIST 202	4	GE BLOCK C	4		
<b>Total Units</b>	<b>15</b>	<b>Total Units</b>	<b>14</b>	<b>Total Units</b>	<b>14</b>	<b>Total Units</b>	<b>4</b>

FALL – YEAR 4		WINTER – YEAR 4		SPRING – YEAR 4		SUMMER – YEAR 4	
Course	Units	Course	Units	Course	Units	Course	Units
CHEM 401	4	CHEM 402	4	UD CHEM ELECTIVE <sup>†</sup>	4		
UD BIO ELECTIVE <sup>†</sup>	4	UD BIO ELECTIVE <sup>†</sup>	4	UD THEME	4		
GE BLOCK C	4	GE BLOCK D	4				
UD THEME	4	UD THEME	4				
<b>Total Units</b>	<b>16</b>	<b>Total Units</b>	<b>16</b>	<b>Total Units</b>	<b>8</b>	<b>Total Units</b>	

<sup>†</sup> Please consult the Catalog for a list of approved electives.

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