

# California State University San Marcos

## Major: Biochemistry BS Co-Op: 2x7 month work terms; 5-year plan

**Catalog Year:** Current

**Degree Units:** 120 Assumes taking MATH 160 1st semester

Semester 1: Fall		Semester 2: Spring		Semester 2S: Summer	
CHEM 150 (B1)	4	CHEM 162	4	Optional Study	
CHEM 150L (B3)	1	MATH 162	4		
GE - Area E: Life Long Learning	3	BIOL 210	4		
MATH 160 (B4)	5	GE Area C3 Language Course	3		
GE - A2: Written Communication	3	Professional Transition Pre-COOP Seminar	2		
<b>Total Units</b>	<b>16</b>	<b>Total Units</b>	<b>17</b>	<b>Total Units</b>	<b>0</b>

Semester 3: Fall		Semester 4: Spring		Semester 4S: Summer	
CHEM 201	3	CHEM 202	3	1st CO-OP	0
CHEM 201L	2	CHEM 202L	2		
PHYS 201	4	CHEM 300	3		
BIO 211 (B2)	4	PHYS 202	4		
		GE - A1: Oral Communication	3		
<b>Total Units</b>	<b>13</b>	<b>Total Units</b>	<b>15</b>	<b>Total Units</b>	<b>0</b>

Semester 5: Fall		Semester 6: Spring		Semester 6S: Summer	
1st CO-OP	0	CHEM 404	4	Optional Study or Work Term	
COOP 295	0	CHEM 404L	1		
		CHEM 275	4		
		GE A-3 Critical Thinking	3		
		GE - C1, C2, DH, DC, F	3		
<b>Total Units</b>	<b>0</b>	<b>Total Units</b>	<b>15</b>	<b>Total Units</b>	<b>0</b>

Semester 7: Fall		Semester 8: Spring		Semester 8S: Summer	
CHEM 401	4	2nd CO-OP	0	2nd CO-OP	0
BIOCHEM UD BIOLOGY COURSE	5	COOP 495	0		
GE - C1, C2, DH, DC, F	3				
GE - C1, C2, DH, DC, F	3				
<b>Total Units</b>	<b>15</b>	<b>Total Units</b>	<b>0</b>	<b>Total Units</b>	<b>0</b>

Semester 9: Fall		Semester 10: Spring		Semester 10S: Summer	
CHEM 351 (fall only)	3	CHEM 352 (spring only)	3		
CHEM 351L (fall only)	2	CHEM 416	5		
GE - C1, C2, DH, DC, F	3	CHEM 450 (spring only)	3		
GE - C1, C2, DH, DC, F	3	BIOCHEM UD SCIENCE ELECTIVES	3-4		
GE Upper Division (double D + E req.)	3	GE Upper Division (double D + E req.)	3		
<b>Total Units</b>	<b>14</b>	<b>Total Units</b>	<b>14</b>	<b>Total Units</b>	<b>0</b>

**Optional Summer Study Terms:** Would be a great time to complete Lower and Upper Division GE requirements, if you want to take less units/semester.