

# California State University San Marcos

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

Catalog Year: Current

Degree Units: 120 Assumes taking MATH 105 1st semester

yr	Semester 1: Fall		Semester 2: Spring		Semester 2S: Summer	
1	MATH 105 (B4)	3	CHEM 150 (B1)	4	GE - A1: Oral Comm	3
	GE - Area E: Life Long Lrng	3	CHEM 150L (B3)	1	GE - C1, C2, DH, DC, F	3
	GE - A2: Written Comm	3	GE - A3: Critical Thinking	3		
	BIOL 215	4	GE - C1, C2, DH, DC, F	3		
	GE - C3: Language Course	3	Professional Transition Pre-COOP Seminar	2		
	<b>Total Units</b>	<b>16</b>	<b>Total Units</b>	<b>13</b>	<b>Total Units</b>	<b>6</b>
2	Semester 3: Fall		Semester 4: Spring		Semester 4S: Summer	
	MATH 132/150	3	1st CO-OP	0	1st CO-OP	
	CHEM 160	3	COOP 295	0		
	ACCT 203	4				
	BIOL 210	4				
	PSYC 100	3				
	<b>Total Units</b>	<b>14</b>	<b>Total Units</b>	<b>0</b>	<b>Total Units</b>	<b>0</b>
3	Semester 5: Fall		Semester 6: Spring		Semester 6S: Summer	
	CHEM 201	3	CHEM 202	3	GE - C1, C2, DH, DC, F	3
	CHEM 201L	2	PHYS 206	4	GE - C1, C2, DH, DC, F	3
	MGMT 302	2	GE - C1, C2, DH, DC, F	3		
	BIOL 211	4	PHIL 340 or 345 Area CC + DE Global	3		
	PHYS 205	4	BIOT 257	2		
	<b>Total Units</b>	<b>15</b>	<b>Total Units</b>	<b>15</b>	<b>Total Units</b>	<b>0</b>
4	Semester 7: Fall		Semester 8: Spring		Semester 8S: Summer	
	BIOT 355 (fall only)	5	BIOT 356 (spring only)	5	2nd CO-OP	0
	BIOL 477A/477B	3	BIOT 457 (spring only)	3		
	GE - C1, C2, DH, DC, F	3	CHEM 341 or 351 (Area BB)	3		
	BIOT UD Designated Electives	3	BIOT UD Designated Electives	3		
			BIOT 460 (spring only)	3		
	<b>Total Units</b>	<b>14</b>	<b>Total Units</b>	<b>15</b>	<b>Total Units</b>	<b>0</b>
5	Semester 9: Fall		Semester 10: Spring		Semester 10S: Summer	
	2nd CO-OP	0	BIOT UD Designated Electives	2		
			MKTG 302	2		
			GE Upper Division (DD +DE US)	3		
			GE - C1, C2, DH, DC, F	3		
			GE - C1, C2, DH, DC, F	3		
	<b>Total Units</b>	<b>0</b>	<b>Total Units</b>	<b>13</b>	<b>Total Units</b>	<b>0</b>