

# Program Mapping Template (Program: Biology, STEM IGETC )

□ AA □ AS □ AA-T ■ AS-T □ COA □ CC

*This is an example course sequence. All plans can be modified to fit the needs of part-time students by adding more semesters. Students must meet with a counselor to complete an individualized educational plan.*

## SEMESTER 1 - FALL

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
Chem 1A	5		*Chem 31/Math 55	*Or HS Algebra 2 and cumulative GPA ≥ 3.0  *OR HS Chemistry with a "B" or higher in each term (3 year recency requirement)  **OR HS pre-calc with a "C" or better and a cumulative HS GPA ≥ 3.0
Math 1	5		**Math 30/39	
English Composition (Area A1)	3-4			
<b>SEMESTER TOTAL</b>	13-14			

## SEMESTER 2 - SPRING

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
*Bio 1A or 1B	5		*Math 55	*Strongly recommended prep Bio 30  *Recommend Cmst 1 as Bio 1A/B/C all have public speaking assignments
Chem 1B	5		Chem 1A	
Hist 7 (Area 3B + A.I.)	3			
**Oral Communications (Area 1C)	3			
<b>SEMESTER TOTAL</b>	16			

## SEMESTER 3 - SUMMER

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
				Bio 1A, Chem 1B, and Math 1 are offered in the summer
<b>SEMESTER TOTAL</b>				

## SEMESTER 4 - FALL

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
Bio 1B or 1A	5		*Math 55	*Or HS Algebra 2 and cumulative GPA ≥ 3.0  **OR HS pre-calc with a "C" or better and a cumulative HS GPA ≥ 3.0
Physics 2A	4	Fall only	**Math 39	
Eng 4 or Eng 7 (Area 1B/ 2nd Comp.)	3			
Arts (Area 3A)	3			
<b>SEMESTER TOTAL</b>	15			

## SEMESTER 5 - SPRING

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
Bio 1C	5		#	#Prereqs: Bio 1A or 1B, Chem 1A, and Math 55  Students taking a "CSU Elective" may elect to take a 3-unit Area 3 or Area 4 course to fulfill a CSU general education graduation requirement (not a transfer admission requirement).
Physics 2B	4	Spring only	Phys 2A	
Hist 8, Hist 14 or Poli 7 (Area 4 & A.I.)	3-4			
Social Sci (Area 4)	3			
CSU Elective	1			
<b>SEMESTER TOTAL</b>	16-17			
<b>Total Major Coursework</b>	38			
<b>Total Units Required</b>	60-62			