

<b>Program:</b>	<b>Biology - Associate in Science for Transfer (AS-T) Degree</b>
<b>Meta-major:</b>	<b>Science, Technology, Engineering, &amp; Math (STEM); Health Science</b>



Summer Bridge (if necessary)	Fall Year 1	Winter Year 1	Spring Year 1	Summer Year 1	Fall Year 2	Winter Year 2	Spring Year 2
	<b>BIOLOGY 006 GENERAL BIOLOGY I</b> <i>Prerequisite: MATH 125; Advisory: ENGLISH 028 and ENGLISH 067 or E.S.L. 008</i> <i>Also fulfills Area B2/B3: Life Science requirement with Laboratory Activity</i> <b>5 units</b>  *Area E: Lifelong Learning and Self Development <b>Choose any</b> <b>3 units total</b>	To reduce units in primary terms, it is suggested to take a GE course (3 units)	<b>BIOLOGY 007 GENERAL BIOLOGY II</b> <i>Prerequisite: BIOLOGY 006</i> <b>5 units</b>	To reduce units in primary terms, it is suggested to take a GE course (3 units)	<b>PHYSICS 006 GENERAL PHYSICS I</b> <i>Prerequisite: MATH 240 or MATH 258</i> <i>Also fulfills Area B1: Physical Science requirement</i> <b>4 units</b>	To reduce units in primary terms, it is suggested to take a GE course (3 units)	<b>PHYSICS 007 GENERAL PHYSICS II</b> <i>Prerequisite: PHYSICS 006</i> <b>4 units</b>
	Area A2: Written Communication <b>ENGLISH 101 COLLEGE READING AND COMPOSITION I</b> <i>Prerequisite: ENGLISH 028 or ESL 008 or Placement by multiple measures; Advisory: ENGLISH 108</i> <b>3 units</b>		<b>CHEM 101 GENERAL CHEMISTRY I</b> <i>Prerequisite: High school Chemistry or CHEM 060 or CHEM 065, and MATH 125; Advisories: ENGLISH 028 and ENGLISH 067</i> <b>5 units</b>		<b>CHEM 102 GENERAL CHEMISTRY II</b> <i>Prerequisite: CHEM 101; Advisory: ENGLISH 028 and ENGLISH 067 or ENGLISH 031</i> <b>5 units</b>		*Area A1: Oral Communication <b>COMM 101 PUBLIC SPEAKING (Advisory: ENGLISH 101)</b> or <b>COMM 121 INTERPERSONAL COMMUNICATION</b> <b>3 units</b>
			*Area C2: Humanities <b>Choose any</b> <b>3 - 5 units</b>		*Area D: Social Sciences #1 <b>Suggested: American Institutions Group 1</b> <b>3 units</b>		*Area D: Social Sciences #2 <b>Suggested: American Institutions Group 2</b> <b>3 units</b>
<b>MATH 258 GEOMETRY AND TRIGONOMETRY</b> <i>Prerequisite: MATH 125 or MATH 134 or MATH 190 or Placement by multiple measures</i> <b>5 units</b>	<b>MATH 260 PRECALCULUS</b> <i>Prerequisite: MATH 258 or Placement by multiple measures</i> <b>5 units</b>	<b>MATH 261 CALCULUS I</b> <i>Prerequisite: MATH 260 or Placement by multiple measures</i> <i>Also fulfills Area B4: Mathematics/Quantitative Reasoning requirement</i> <b>5 units</b>	*Area C1: Arts <b>Choose any</b> <b>3 units</b>		*Area A3: Critical Thinking <b>Suggested:</b> <b>ENGLISH 102 COLLEGE READING AND COMPOSITION II (Prerequisite: ENGLISH 101; Advisory: ENGLISH 108)</b> or <b>ENGLISH 103 COMPOSITION AND CRITICAL THINKING (Prerequisite: ENGLISH 101; Advisory: ENGLISH 108)</b> or <b>PHILOS 005 CRITICAL THINKING AND COMPOSITION (Prerequisite: ENGLISH 101)</b> <b>3 units</b>		*Choose additional course if needed to reach 60 units <b>Choose any</b> <b>1 - 3 units</b>
<b>Semester Units:</b>		<b>16</b>	<b>16 to 18</b>		<b>15</b>	<b>11 to 13</b>	
*For the complete list of CSU GE Breadth requirements, see the LACC Catalog, p.76. Area A2: Written Communication (English 101) and Area B4: Mathematics/Quantitative Reasoning should be taken within the first year. All other GE courses can be taken in any semester. If appropriate, English and Math can be taken in the same semester.			<b>CSU GE STEM requires only two courses in Area C1/C2 and two courses in Area D</b>		<b>Major Units:</b>		<b>33</b> <b>(14 units also fulfill GE requirements)</b>
Students who feel they need additional support in order to be successful in English and math should see a counselor for information about support courses, tutoring services, and boot camps.					<b>General Education (GE) Units (34 unit minimum):</b>		<b>38 to 40</b>
					<b>Additional Units:</b>		<b>1 to 3</b>
					<b>Total Units (60 unit minimum):</b>		<b>60</b>