

Program:	Mathematics - Associate in Science (AS) Degree
Meta-major:	Science, Technology, Engineering, & Math (STEM)



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	
<p><i>Suggested: MATH 258 GEOMETRY AND TRIGONOMETRY</i> <i>Prerequisite: MATH 125 or MATH 134 or MATH 190 or Placement by multiple measures</i> 5 units</p>	<p>PREREQUISITE (If needed) <i>Suggested: MATH 260 PRE-CALCULUS</i> <i>Prerequisite: MATH 240 or 258 or Placement by multiple measures</i> 5 units</p>	<p>To reduce units in primary terms, it is suggested to take a GE course (3 units)</p>	<p>MATH 261 CALCULUS I <i>Prerequisite: MATH 260</i> <i>Also fulfills Area D2: Communication and Analytical Thinking requirement</i> 5 units</p>	<p>To reduce units in primary terms, it is suggested to take a GE course (3 units)</p>	<p>MATH 262 CALCULUS II <i>Prerequisite: MATH 261</i> 5 units</p>	<p>To reduce units in primary terms, it is suggested to take a GE course (3 units)</p>	<p>MATH 263 CALCULUS III <i>Prerequisite: MATH 262</i> 5 units</p>	
	<p>*Area E1: Health Education <i>Suggested: HEALTH 002 HEALTH AND FITNESS</i> 3 units</p>		<p>Area D1: English Composition ENGLISH 101 COLLEGE READING AND COMPOSITION I <i>Prerequisite: ENGLISH 028 or ESL 008 or Placement by multiple measures;</i> <i>Advisory: ENGLISH 108</i> 3 units</p>		<p>MATH 270 LINEAR ALGEBRA <i>Prerequisite: MATH 261</i> 3 units</p>		<p>MATH 275 ORDINARY DIFFERENTIAL EQUATIONS <i>Prerequisite: MATH 262</i> 3 units</p>	
	<p>*Area B2: Social and Behavioral Sciences Choose any 3 units</p>		<p>*Area A: Natural Sciences Choose any 3 - 5 units</p>		<p>*Choose additional course See listing of Full CSU GE or IGETC for suggestions <i>Suggested: COMM 101 PUBLIC SPEAKING</i> <i>Also fulfills Area A1: Oral Communication requirement</i> 3 units</p>		<p>*Area E2: Physical Education Activity (non-classroom) Choose any <i>Only if not satisfied in Area E1 by taking HEALTH 002</i> 1 unit</p>	
<p>*Area B1: American Institutions Choose any 3 units</p>	<p>*Area C: Humanities <i>Suggested: PHILOS 020 ETHICS</i> <i>Advisories: ENGLISH 028 and ENGLISH 067</i> 3 - 5 units</p>	<p>*Choose additional course <i>Suggested: CS 101 (formerly CO SCI 103)</i> INTRODUCTION TO COMPUTER SCIENCE 3 units</p>	<p>*Choose additional course See listing of Full CSU GE or IGETC for suggestions 3 units</p>	<p>*Choose additional course See listing of Full CSU GE or IGETC for suggestions 2 - 3 units</p>	<p>*Choose additional course(s) if needed to reach 60 units See listing of Full CSU GE or IGETC for suggestions 1 - 4 units</p>			
Semester Units: 14				14 to 18				14 to 17
							Major Units: 21 (5 units also fulfill GE requirements)	
							General Education (GE) Units (21 unit minimum): 23 to 28	
							Additional Units: 16 to 21	
							Total Units (60 unit minimum): 60	

*For the complete list of LACC General Education requirements, see the LACC Catalog, p.72. Area D1: English Composition (English 101) and Area D2: Communication and Analytical Thinking 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.

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.

Suggested support courses for math include MATHEMATICS WORKSHOP (MATH 100-1, 100-2, 100-3, 100-4). It is recommended to take a support course each semester.

Major Units: 21 (5 units also fulfill GE requirements)	
General Education (GE) Units (21 unit minimum): 23 to 28	
Additional Units: 16 to 21	
Total Units (60 unit minimum): 60	