

Program:	Mathematics - Associate in Science for Transfer (AS-T) 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
<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	SUGGESTED PREREQUISITE <i>Suggested: MATH 260 PRE-CALCULUS</i> <i>Prerequisite: MATH 240 or 258 or Placement by multiple measures</i> 5 units	To reduce units in primary terms, it is suggested to take a GE course (3 units)	MATH 261 CALCULUS I <i>Prerequisite: MATH 260</i> <i>Also fulfills Area B4: Mathematics & Quantitative Reasoning requirement</i> 5 units	MATH 262 CALCULUS II <i>Prerequisite: MATH 261</i> 5 units	MATH 270 LINEAR ALGEBRA <i>Prerequisite: MATH 261</i> 3 units	To reduce units in primary terms, it is suggested to take a GE course (3 units)	MATH 263 CALCULUS III <i>Prerequisite: MATH 262</i> 5 units
	Area A2: Written Communication 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		*Area A3: Critical Thinking <i>Suggested:</i> PHILOS 006 LOGIC IN PRACTICE <i>(Advisories: ENGLISH 028 and ENGLISH 067)</i> 3 units		MATH 275 ORDINARY DIFFERENTIAL EQUATIONS <i>Prerequisite: MATH 262</i> 3 units		*Area A1: Oral Communication COMM 101 PUBLIC SPEAKING (<i>Advisory: ENGLISH 101</i>) or COMM 121 INTERPERSONAL COMMUNICATION 3 units
	*Area C1: Arts Choose any 3 units		*Area C1: Arts or C2: Humanities Choose any 3 - 5 units		*Areas B1 and/or B3: Physical Science with Laboratory Activity Choose any with corequisite lab 3 - 5 units		*Area D: Social Sciences #2 <i>Suggested: Any Sociology class</i> 3 units
	*Area E: Lifelong Learning and Self Development <i>Suggested: HEALTH 002 HEALTH AND FITNESS</i> or HEALTH 011 PRINCIPLES OF HEALTHFUL LIVING 3 units		*Area D: Social Sciences #1 <i>Suggested:</i> CS 101 (formerly CO SCI 103) INTRODUCTION TO COMPUTER SCIENCE 3 units		*Area D: Social Sciences #3 <i>Suggested: Any History course</i> 3 units		*Area B2 and/or B3: Life Science (with Laboratory Activity if not satisfied with Area B1) <i>Suggested: BIOLOGY 003 INTRODUCTION TO BIOLOGY (with lab)</i> <i>Advisory: ENGLISH 021</i> 3 - 5 units (7 units minimum between Areas B1/B2/B3)
					*Area C2: Humanities <i>Suggested: PHILOS 020 ETHICS</i> <i>Advisories: ENGLISH 028 and ENGLISH 067</i> 3 - 5 units		*Choose additional course if needed to reach 60 units See listing of Full CSU GE or IGETC for suggestions 2 units
Semester Units:	15 (9 count towards degree)		14 to 16	6	15 to 19		14 to 18

*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.

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 (39 unit minimum):	42 to 50
Additional Units:	0 to 2
Total Units (60 unit minimum):	60 to 66