

LIBERAL ARTS (LA)

About the program

The Associate in Liberal Arts is designed for students who want a broad knowledge of the liberal arts and sciences. This degree requires the successful completion of the general education pattern and an area of emphasis that meets the student's educational goals. The general education pattern provides a broad knowledge of the liberal arts and sciences and the emphasis area requires a student to focus on a specific academic area.

Degrees/Certificates within this Program:

- Associate of Arts Degree, Liberal Arts: Agriculture
- Associate of Arts Degree, Liberal Arts: Behavioral & Social Science
- Associate of Arts Degree, Liberal Arts: Business
- Associate of Arts Degree, Liberal Arts: Fine Arts
- Associate of Arts Degree, Liberal Arts: Humanities, Language & Communication
- Associate of Arts Degree, Liberal Arts: Mathematics
- Associate of Arts Degree, Liberal Arts: Science
- Associate of Arts Degree, Liberal Arts: Science Exploration

Similar Degrees/Certificates offered at CR:

- Associate in Arts in History for Transfer
- Associate in Arts in Psychology for Transfer
- Associate in Arts in Studio Arts for Transfer
- Associate in Science in Early Childhood Education for Transfer
- Associate in Science in Mathematics for Transfer
- Associate in Arts in Political Science for Transfer
- Associate in Science in Physics for Transfer

For more information

- Counseling & Advising, 707-476-4150

Associate of Arts Degree, Liberal Arts: Mathematics

	Units
General Education Requirements	
<i>Choose one of three options. See an advisor for more information</i>	
Option A CR General Ed. Requirements	18.0
Option B CSU General Ed. Requirements	39.0
Option C IGETC (UC General Ed.) Requirements	37.0
Program Requirements	
Core Courses	8.0
MATH 50A Differential Calculus [A, B, C]	4.0
MATH 50B Integral Calculus	4.0
Restricted Electives	10.0
<i>(Choose 10 units from the list below)</i>	
MATH 4 MATLAB Programming [A]	3.0
MATH 45 Linear Algebra	4.0
MATH 50C Multivariable Calculus	4.0
MATH 55 Differential Equations	4.0
Unrestricted Electives - as needed to complete 60 units total	
Total Units	60.0
<i>[A] - Course may be double-counted toward CR GE requirements</i>	
<i>[B] - Course may be double-counted toward CSU-GE requirements</i>	
<i>[C] - Course may be double counted toward IGETC (UC GE) requirements</i>	

About this Degree

The Liberal Arts degree in Mathematics is designed with an emphasis in and for students who are interested in mathematics or mathematically related disciplines but do not wish to major in mathematics. This degree pathway is appropriate for students who wish to augment their studies in another field with a better understanding of mathematics. Completion of this degree prepares students to major in a field of study related to mathematics when they transfer to a university. Students who already have mathematics as a transfer goal should not choose this major but instead consider the Associate in Arts in Mathematics for Transfer degree. Students should seek advising before selecting specific courses in order to meet specific university requirements for their major.

Suggested Program Sequence

For information about the program length and suggested sequence of courses for this degree, please see an Academic Advisor.

Program Learning Outcomes

- Complete projects and assignments both independently and cooperatively.
- Communicate mathematical ideas effectively, both in oral and written presentations.
- Use numerical, graphical, symbolic, and verbal representations to solve problems and present logical arguments.
- Use computer technology to verify and interpret results, visualize functions, and explore mathematical concepts.