

PROGRAMS

COUNSELING - NATURAL SCIENCE & MATH - AA

Associate in Arts in Liberal Arts: Natural Science & Math

The Associate in Arts in Liberal Arts with an emphasis in Natural Science and Mathematics provides students the opportunity to develop knowledge of scientific theories, concepts, and data about both living and nonliving systems. Students will achieve an understanding and appreciation of scientific principles and the scientific method, as well as the potential limits of scientific endeavors and the value systems and ethics associated with human inquiry. In addition, students shall develop skills and understanding beyond the level of intermediate algebra. Students will not just practice computational skills, but will be able to explain and apply basic mathematical concepts and will be able to solve problems through quantitative reasoning. Critical thinking skills and self-understanding through these courses provide a framework for lifelong learning in the math and science areas and offers students a breadth of knowledge that could be focused into single discipline degrees as well as applied towards an interdisciplinary degree.

Program Learning Outcomes

- Students will solve problems using quantitative information in verbal, numeric, graphic, and symbolic form.
- Students will apply scientific and/or mathematical processes and theories to address real-world applications.
- Students will understand how findings and ideas in science can be applied to explain phenomena and events and influence the larger society.

To earn this degree, students must meet the following requirements:

1. Completion of 60 degree applicable units with an overall GPA of 2.0.
2. Completion of a minimum of 18 semester units in the major with a grade of C (or P) or better.
3. Completion of the AA/AS Graduation Requirements, CSU GE-B or IGETC.

NOTES:

- Requirements here apply to the current catalog year and are subject to change. Visit DegreeWorks in-1 My Mission Portal-1 to view requirements based your catalog year.
- Not all classes are offered each semester.

Core Curriculum Courses (Required):

Select a minimum of 18 units from the approved [CSU GE-B Area B list](#). At least one mathematics course and one science course must be included.

Required Units for the Major

	Units
Required units for the major	18.0
plus completion of general education requirements and electives as needed to reach 60 units.	
Total required units	60.0

Career/Transfer Opportunities

The program is intended for students who are considering transfer, but have not decided on a major; students who are required to complete a degree for job promotion; or students who may wish to further their education and are considering a major that is interdisciplinary in focus.

MAKE AN APPOINTMENT WITH A COUNSELOR SUBMIT A COURSE SUBSTITUTION REQUEST CONTACT THE DEPARTMENT