

# LIBERAL ARTS: NATURAL SCIENCE AND MATHEMATICS

[counseling.missioncollege.edu](http://counseling.missioncollege.edu)

Department Chair: Alicia Martinez  
408-855-5039 | SEC-139  
alicia.martinez@missioncollege.edu  
Dean: Richard Alfaro

## Liberal Arts: Natural Science and Mathematics: Associate in Arts (AA)

The Associate in Arts in Liberal Arts with an emphasis in Science and Math provides students an opportunity to develop knowledge of scientific theories, concepts and data about both living and non-living systems. The courses in this area also emphasize the natural sciences which examine the physical universe, its life forms and its natural phenomena. In addition, these courses emphasize experimental methodology, testing hypotheses, and the power of systematic questioning. Courses in math emphasize the development of mathematical and quantitative reasoning skills beyond the level of elementary algebra.

### Program Learning Outcomes:

- Demonstrate an ability to think logically and critically in solving problems.
- Demonstrate an understanding of experimental methodology, testing of hypothesis, the power of systematic questioning, and influence of the scientific method in society.

### 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.

### 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.

### Core Requirements (18 units):

**Complete a minimum of eighteen units from the following**

All courses approved for California State University General Education Certification and Certificate of Achievement Requirements (CSU GE-B) Area B.

At least one mathematics course and one science course must be included.

Completion of General Education Requirements and electives as needed to reach 60 units.

**Total Required Units**

**60.0**

