

LIBERAL ARTS
EMPHASIS:
SCIENTIFIC INQUIRY & QUANTITATIVE REASONING

San José City College offers an Associate in Arts in Liberal Arts with 3 different possible areas of emphasis: Arts and Humanities, Scientific Inquiry and Quantitative Reasoning or Social and Behavioral Sciences. A grade of “C” or better is required in all coursework for the major.

Scientific Inquiry and Quantitative Reasoning courses emphasize the natural sciences which examine the physical universe, its life forms and its natural phenomena. Courses in Math emphasize the development of mathematical and quantitative reasoning skills beyond the level of intermediate algebra. Students will be able to demonstrate an understanding of the methodologies of science as investigative tools. Students will also examine the influence that the acquisition of scientific knowledge has on the development of the world’s civilizations.

TRANSFERABILITY:

This major can prepare students with either a narrow or interdisciplinary focus in mathematics and natural science in order to pursue similar majors at four-year institutions. Student should refer to the catalog of their prospective transfer institution and consult a counselor. General Education courses for the A.A. degree, should be selected carefully to meet the requirements of the intended transfer institution.

Upon completion of program students will be able to:

- Explain the methodologies of science as investigative tools.
- Examine the influence that the acquisition of scientific knowledge has on the development of the world’s civilizations.

MAJOR REQUIREMENTS: CHOOSE 18 UNITS FROM THE COURSES LISTED BELOW

ASTRO 010, 010L	GEOL 010, 010L, 015, 015L
BIOL 004A, 004B, 020, 021, 061, 063, 064, 066, 071, 072, 074	METEO 010
CHEM 001A, 001B, 010, 012A, 012B, 015, 032A, 032B, 061, 065	MATH 021, 022, 025, 051, 052, 061, 062, 063, 070, 071, 072, 073, 078, 079
ENVIR 010	OCEAN 010
GEOG 010	PHYS 002A, 002B, 004A, 004B, 004C, 004D
	PSYCH 031

A.A. DEGREE REQUIREMENTS:

	<u>UNITS</u>
MAJOR REQUIREMENTS	18
GENERAL ELECTIVES if necessary to reach 60 units	2
GENERAL EDUCATION PATTERN/GRADUATON REQUIREMENTS	39
PHYSICAL ACTIVITY	<u>1</u>
TOTAL REQUIRED UNITS	60

FOR ADDITIONAL INFORMATION, SEE A COUNSELOR, VISIT THE CAREER/TRANSFER CENTER, OR CONTACT THE FOLLOWING:

Counseling Department
San José City College Web Page

408-288-3750
www.sjcc.edu