San José City College
Associate in Arts Degree
2018-2019

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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>ASTRO 010, 010L</td>
<td>GEOL 010, 010L, 015, 015L</td>
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<tr>
<td>BIOL 004A, 004B, 020, 021, 061, 062, 063, 064, 066, 071, 072, 074</td>
<td>METEO 010</td>
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<td>CHEM 001A, 001B, 010, 012A, 012B, 015, 032A, 032B, 061, 065</td>
<td>MATH 021, 022, 025, 051, 052, 061, 062, 063, 065, 070, 071, 072, 073, 078, 079</td>
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<td>ENVIR 010</td>
<td>OCEAN 010</td>
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<tr>
<td>GEOG 010</td>
<td>PHYS 002A, 002B, 004A, 004B, 004C</td>
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<tr>
<td>GEG 010</td>
<td>PSYCH 031</td>
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A.A. DEGREE REQUIREMENTS:  

- MAJOR REQUIREMENTS 18 units
- GENERAL ELECTIVES if necessary to reach 60 units 2 units
- GENERAL EDUCATION REQUIREMENTS 39 units
- PHYSICAL ACTIVITY 1 unit
- TOTAL REQUIRED UNITS 60 units

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

- Counseling Department 408-288-3750
- San José City College Web Page www.sjcc.edu

Prepared by the SJCC Articulation Office and is subject to change without notice. This major sheet should be used for advisory purposes only. See a counselor for assistance in preparing your individual course plan. It is ultimately the individual student’s responsibility to ensure that all requirements are met. 07/18