MATH 150	Calculus with Analytic Geometry I	5
MATH 151	Calculus with Analytic Geometry II	4

Select at least four (4) units from the following:

PHYS 197	Waves, Optics and Modern Physics	5
CHEM 200	General Chemistry I – Lecture	3
CHEM 200L	General Chemistry I – Laboratory	2
MATH 252	Calculus with Analytic Geometry III	4

Total Units = 23

General Education: In addition to the courses listed above, students must complete one of the general education options listed on page 93:

- The IGETC pattern (page 116) is accepted by all CSU campuses and most UC campuses and majors. It is also accepted by some private/ independent or out of state universities.
- The CSU GE pattern (page 124) is accepted by all CSU campuses and some private/independent or out of state universities. It is not accepted by the UC system.
- The San Diego Community College District General Education pattern (page 100) may be appropriate for students transferring to a private/ independent or out of state university or to a high-unit major. Students selecting this option should meet with a counselor to determine the appropriate General Education courses for their individual transfer goals.

It is strongly recommended that students consult with a counselor to determine which general education option is most appropriate for their individual educational goals.

Electives as needed to meet minimum of 60 units required for the degree.

Associate in Science in Geology for Transfer Degree:

The Associate in Science in Geology for Transfer Degree is intended for students who plan to complete a bachelor's degree in Geology or a related major in the California State University (CSU) system. Students who complete this degree and transfer to a participating CSU campus will be required to complete no more than 60 units after transfer to earn a bachelor's degree. It may not be appropriate preparation for students transferring to a CSU campus that does not accept the degree. Students who plan to complete this degree should consult a counselor for additional information about participating CSU campuses as well as university admission, degree, and transfer requirements.

Award Notes:

The following is required for all AA-T or AS-T degrees:

- Completion of 60 CSU-transferable semester units. No more than 60 units are required.
- Minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework. While a minimum of 2.0 is required for admission, some CSU campuses and majors may require a higher GPA. Please see a counselor for more information.
- Completion of a minimum of 18 semester units in an "AA-T" or "AS-T" major. All courses in the major must be completed with a grade of C or better or a "P" if the course is taken on a "pass-no pass" basis.
- Certified completion of the California State University General Education-Breadth pattern (CSU GE; see catalog for more information); OR the Intersegmental General Education Transfer Curriculum pattern (IGETC; see catalog for more information).

Courses Required for the Major:		Units
GEOL 100	Physical Geology	3
GEOL 101	Physical Geology Laboratory	1
GEOL 111	The Earth Through Time	4
CHEM 200	General Chemistry I – Lecture	3
CHEM 200L	General Chemistry I – Laboratory	2
CHEM 201	General Chemistry II – Lecture	3
CHEM 201L	General Chemistry II – Laboratory	2
MATH 150	Calculus with Analytic Geometry I	5
MATH 151	Calculus with Analytic Geometry II	4

Total Units = 27

Associate in Science in Physics for Transfer Degree:

The Associate in Science in Physics for Transfer Degree is intended for students who plan to complete a bachelor's degree in Physics or a related major in the California State University (CSU) system. Students who complete this degree and transfer to a participating CSU campus will be required to complete no more than 60 units after transfer to earn a bachelor's degree. It may not be appropriate preparation for students transferring to a CSU campus that does not accept the degree. Students who plan to complete this degree should consult a counselor for additional information about

participating CSU campuses as well as university admission, degree, and transfer requirements.

Courses Required for the Major:		Units
PHYS 195	Mechanics*	5
PHYS 196	Electricity and Magnetism*	5
PHYS 197	Waves, Optics and Modern Physics*	5
MATH 150	Calculus with Analytic Geometry I*	5
MATH 151	Calculus with Analytic Geometry II*	4
MATH 252	Calculus with Analytic Geometry III*	4
		Total Units = 28

*Course also fulfills general education requirements for the CSU GE or IGETC pattern.

General Education: In addition to the courses listed above, students must complete one of the following general education options:

- The IGETC pattern (page 116) is accepted by all CSU campuses and most UC campuses and majors. It is also accepted by some private/independent or out of state universities.
- The CSU GE pattern (page 124) is accepted by all CSU campuses and some private/independent or out of state universities. It is not accepted by the UC system.

It is strongly recommended that students consult with a counselor to determine which general education option is most appropriate for their individual educational goals.

Electives as needed to meet maximum of 60 units required for the degree.

Political Science

Award Type	Units
Associate in Arts for Transfer Degree:	
Political Science	18–19

Program Description

Political science is the study of human behavior as it relates to political situations. It involves the examination of institutions, processes, people, ideas and policies. The study of political science develops critical thinking, cultural literacy, and other skills important for an active and informed citizenry. The primary objectives of the Political Science program are to meet the American Institutions and general education requirements for associate and baccalaureate degrees. The political science program prepares students for a bachelor's degree in political science, which can lead to exciting careers in federal, state and local governments; law; business; international organizations; nonprofit associations and organizations; campaign management and polling; journalism; pre-collegiate education; electoral politics; research and university and college teaching.

Program Learning Outcomes

Students who complete the Political Science program will be able to:

- Comprehend information from a variety of sources.
- Integrate logical thinking, including informed fact and assessment, based upon theories and practices in the field, tying together classical and contemporary ideas of political theory and practice, including international relations, local and national government, interest groups and other modalities of the political landscape.
- Organize the comprehension of the fields of Political Science as expressed through written and oral sources.
- Apply appropriate learning and analysis theories within the field, explain these through writing and oral methodologies.
- Develop skills in problem solving, communication, critical thinking within the interrelationship of Political Science to other fields of the social sciences.

Transfer Information

Common university majors related to the field of Political Science include:

- Anthropology/Sociology
- Communications
- Criminal Justice
- History
- Journalism
- Philosophy
- Women's and Gender Studies
- Economics and Finance
- Ethnic Studies
- History
- International Business