

# ASSOCIATE IN SCIENCE DEGREE

## Physics

Transfer Preparation\* (Major Code: 01680)

Physicists are engaged in applying the fundamental principles of science to problems ranging from understanding life processes to exploring the universe. Specializations include mechanics, heat, optics, acoustics, electrodynamics, astrophysics, atomic physics, biophysics, and geophysics.

### First Semester

CHEM 200	General Chemistry I	5
MATH 250	Analytic Geometry and Calculus I	5

### Second Semester

MATH 251	Analytic Geometry and Calculus II	4
PHYS 270	Principles of Physics I	3
PHYS 271	Principles of Physics Laboratory I	1

### Third Semester

MATH 252	Analytic Geometry and Calculus III	4
PHYS 272	Principles of Physics II	3
PHYS 273	Principles of Physics II	1

### Fourth Semester

PHYS 274	Principles of Physics III	3
PHYS 275	Principles of Physics III	1

**Total units** 30

*To earn an associate degree, additional general education and graduation requirements must be completed. See page 51.*

\* Students planning to transfer to a four-year college or university should complete courses specific to the transfer institution of choice. University requirements vary from institution to institution and are subject to change. Therefore, it is important to verify transfer major preparation and general education requirements through consultation with a counselor in either the Counseling Center or Transfer Center. **See catalog TRANSFER COURSES INFORMATION section on page 33 for further information.**

# Political Science

## School of Social Sciences and Humanities

**Dean** Mark Meadows, Ph.D., Office 470K, 619-482-6582

**Faculty** Alma Aguilar, M.A.; Norris S. Nagao, Ed.M.; Phil Saenz, J.D.

**Department Chair** Stanley James, M.A.

### General Description

Political science is the study of the theory and practice of government. Prelaw is the preparation for the study of application of law within the juridical system of government. Public administration is the study of the implementation practices of the governmental agencies and legal bodies. These three departments are closely related through the common interests of the people and in service of the populace either at the local, state, or national level. These departments explore social behavior, customs, rules, and practices within the context of the self-defined common good of the community and the willingness of the members of the community to delegate authority under proscribed conditions to individuals, groups, and agencies.

### Career Options

Below is a sample of the career options available for the political science, prelaw, or public administration major. A few of these require an associate degree, most require a bachelor's degree, and some require a graduate-level degree: politician, political scientist, political campaign worker, lawyer, legal assistant, legal researcher, government employee, agency director, historian, high school or college instructor, research assistant, consultant, administrative aide to a public official, budget analyst, lobbyist, city planner, administrator, and foreign service officer

### Degree/Certificate Options

#### Associate in Arts Degree: Transfer Preparation

	Major Code
Political Science	01840
Public Administration	01860

*Consult with a counselor to develop a Student Education Plan (SEP), which lists courses necessary to achieve your academic goal.*

# ASSOCIATE IN ARTS DEGREE

## Political Science

Transfer Preparation \* (Major Code: 01840)

Prepares students for law school, teaching, government services on the local, state, and national levels, and private employment where government institutions are involved. Careers are also available in public relations and journalism.

PS 101	Introduction to Political Science	3
PS 102	Introduction to American Government and Politics	3
PS 103	Introduction to Comparative Government	3
PS 104	Introduction to International Relations	3
HUM/ TELE 112	Culture and the Media (3)	
	<b>OR</b>	3
JOUR 101/ COMM 200	Introduction to Mass Communication and Society (3)	
	<b>OR</b>	
PHIL 120	Ethics: Theory and Practice (3)	
MATH 119	Elementary Statistics (4)	3-4
	<b>OR</b>	
SOC/PSYC 270	Statistical Methods of Sociology (3)	

**Total units** **18-19**

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## Public Administration

Transfer Preparation \* (Major Code: 01860)

Public administration courses provide skills for paraprofessionals in public employment such as school districts and cities, county agencies, state agencies, and various federal positions.

ACCT 101	Principles of Accounting I	4
CIS 101	Introduction to Computers and Information Processing	4
ECON 101	Principles of Economics I	3
ECON 102	Principles of Economics II	3
MATH 119	Elementary Statistics	4
PS 102	Introduction to American Government and Politics	3

**Total units** **21**

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