

### 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
<b>Total units</b>		<b>30</b>

To earn an associate degree, additional general education and graduation requirements must be completed. See page 64.

- \* 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 45 for further information.

### REQUIRED CORE:

PHYS 270	Principles of Physics I	3
PHYS 271	Principles of Physics Laboratory I	1
PHYS 272	Principles of Physics II	3
PHYS 273	Principles of Physics Laboratory II	1
PHYS 274	Principles of Physics III	3
PHYS 275	Principles of Physics Laboratory III	1
MATH 250	Analytic Geometry and Calculus I	5
MATH 251	Analytic Geometry and Calculus II	4
MATH 252	Analytic Geometry and Calculus III	4

**Total units** **25**

- \* 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 45 for further information.

# POLITICAL SCIENCE

## SCHOOL OF ARTS, COMMUNICATION, AND SOCIAL SCIENCES

**ACTING DEAN:** William Kinney, M.A., Office 702B, 619-482-6372

**FACULTY:** Alma Aguilar, M.A.; 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.

## PHYSICS



**STUDENT TRANSFER ACHIEVEMENT REFORM (STAR) ACT (SB1440)**



Associate Degree for Transfer  
*A Degree with a Guarantee™*

**ASSOCIATE IN SCIENCE DEGREE TRANSFER PREPARATION \* (MAJOR CODE: 01685)**

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.

### Program Student Learning Outcome Statement:

- Develop mathematical skills, acquire physics knowledge, and practice applying these skills and knowledge in physical situations.



## 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

## MAJOR CODE

### Associate in Arts Degree: Transfer Preparation

Political Science	01840
Political Science (SB 1440)	01845
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

### ASSOCIATE IN ARTS DEGREE 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.

#### Program Student Learning Outcome Statement:

- Student will be able to identify and evaluate governments, public policies, political systems, processes, political behavior, trends, issues, and relationships that contribute to the local, national, and global political experience.

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)	
	OR	3
JOUR 101/COMM 200	Introduction to Mass Communication and Society (3)	
	OR	
PHIL 120	Ethics: Theory and Practice (3)	
MATH 119	Elementary Statistics (4)	
	OR	3-4
SOC/PSYC 270	Statistical Methods of Sociology (3)	
<b>Total units</b>		<b>18-19</b>

To earn an associate degree, additional general education and graduation requirements must be completed. See page 64.

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 45 for further information.

## POLITICAL SCIENCE

### STUDENT TRANSFER ACHIEVEMENT REFORM (STAR) ACT (SB1440)



### ASSOCIATE IN ARTS DEGREE TRANSFER PREPARATION \* (MAJOR CODE: 01845)

Political Science is the study of the theory and practice of government. Prewal 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. This degree satisfies the requirements of the STAR Act for transfer to the CSU system.

#### Program Student Learning Outcome Statement:

- The student will be able to identify and evaluate systems of government in order to better participate in civil society.

#### REQUIRED CORE: (3 units)

PS 102	Introduction to American Government and Politics	3
--------	--	---

#### LIST A: select three (9-10 units)

**9-10**

PS 101	Introduction to Political Science (3)
PS 103	Introduction to Comparative Government (3)
PS 104	Introduction to International Relations (3)
MATH 119	Elementary Statistics (4)
	OR
SOC 270/PSYC 270	Statistical Methods of Sociology (3)



**LIST B: select two (6–7 units)****6–7**

Any courses not selected above, any CSU transferable political science 6–7 units courses, and/or other courses that are articulated as lower division preparation for the political science major at a CSU, or any CSU transferable introductory course in the social sciences (i.e., articulated as filling CSU GE Area D).

PS 101	Introduction to Political Science (3)
PS 103	Introduction to Comparative Government (3)
PS 104	Introduction to International Relations (3)
MATH 119	Elementary Statistics (4)
	OR
SOC 270/PSYC 270	Statistical Methods of Sociology (3)

**Total units****18–20**

- \* 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 45 for further information.

## PUBLIC ADMINISTRATION

### ASSOCIATE IN ARTS DEGREE 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.

#### Program Student Learning Outcome Statement:

- Identify key terms and apply major theoretical perspectives relevant to current and historical trends.

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
<b>Total units</b>		<b>21</b>

To earn an associate degree, additional general education and graduation requirements must be completed. See page 64.

- \* 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 45 for further information.

# PSYCHOLOGY

## SCHOOL OF ARTS, COMMUNICATION, AND SOCIAL SCIENCES

**DEAN:** William Kinney, M.A., Office 702B, 619-482-6372

**FACULTY:** Christopher Hayashi, M.A., Ed.D.; Jan Koontz, Ph.D.;  
Danielle McAneny, M.A.; Thomas Murray, Ph.D.;  
Lina Rocha, M.A.

**DEPARTMENT CHAIR:** Christopher Hayashi, M.A., Ed.D.

### GENERAL DESCRIPTION

Psychology is both a natural and social science in which people study human and animal behavior. As such, it is a broad department which includes basic science and the application of basic science in everyday life. Learning concentrates on the use of scientific methods to understand and predict behavior, to develop procedures for changing behavior, and to evaluate treatment strategies. Areas of study within psychology are social psychology, developmental psychology, comparative psychology, cognitive psychology, organizational psychology, counseling psychology, and experimental psychology.

### CAREER OPTIONS

Below is a sample of the career options available for the psychology major. A few of these require an associate degree, most require a bachelor's degree, and some require a graduate-level degree: personnel manager, drug abuse counselor, research assistant, research analyst, psychometrist, marriage/family/child counselor, high school or college counselor or instructor, test validation and development specialist, personnel technician, training specialist, outreach worker, behavior analyst, consultant, opinion survey designer, mental health worker, employment counselor, and psychologist.

### DEGREE/CERTIFICATE OPTIONS

### MAJOR CODE

#### Associate in Arts Degree: Transfer Preparation

Psychology	01850
Psychology for Transfer (SB1440)	01855

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

