

 **Physics**  
**Student Transfer Achievement**  
**Reform**  
**(STAR) Act (SB1440)**  
 Transfer Preparation \* (Major Code: 01685)



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

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.

**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 32 for further information.

# Political Science

## School of Social Sciences, Business 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

|                             | <b>Major Code</b> |
|-----------------------------|-------------------|
| 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

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/<br>TELE 112      | Culture and the Media (3)<br>OR                          | 3   |
| JOUR 101/<br>COMM 200 | Introduction to Mass Communication and Society (3)<br>OR | 3   |
| PHIL 120              | Ethics: Theory and Practice (3)                          |     |
| MATH 119              | Elementary Statistics (4)<br>OR                          | 3-4 |
| SOC/<br>PSYC 270      | Statistical Methods of Sociology (3)                     |     |

**Total units 18-19**

*To earn an associate degree, additional general education and graduation requirements must be completed. See page 49.*

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 32 for further information.

## Political Science Student Transfer Achievement Reform (STAR) Act (SB1440)

Transfer Preparation \* (Major Code: 01845)



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

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. This degree satisfies the requirements of the STAR Act for transfer to the CSU system.

### Required Core Courses: 3 units

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

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

|                      |   |      |
|----------------------|---|------|
| PS 101               | Introduction to Political Science (3)       | 9-10 |
| PS 103               | Introduction to Comparative Government (3)  |      |
| PS 104               | Introduction to International Relations (3) |      |
| MATH 119             | Elementary Statistics (4)<br>OR             |      |
| SOC 270/<br>PSYC 270 | Statistical Methods of Sociology (3)        |      |

### List B (select two): 6 units

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)<br>OR             |
| SOC 270/<br>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 32 for further information.



Some courses within this program may require additional coursework that must be completed prior to enrollment in those courses. Please consult the individual course listings for prerequisites and any other limitations on enrollment.



## 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         |
| <b>Total units</b> |  | <b>21</b> |

*To earn an associate degree, additional general education and graduation requirements must be completed. See page 49.*

- \* 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 32 for further information.

# Psychology

## School of Social Sciences, Business and Humanities

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

**Faculty** Christopher Hayashi, M.A., Ed.D.; Jan Koontz, Ph.D.; Danielle McAneney, 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

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