

## Earth Sciences (ES)

Contact the Earth, Space, and Aviation Sciences Department for further information.

(760) 744-1150, ext. 2512

Office: NS-110G

### COURSE OFFERINGS

#### ES 100 The Earth as a System: Case Studies of Change in Space and Time (3)

3 hours lecture

**Transfer acceptability:** CSU; UC

C-ID GEOL 120

An overview of the fields of geology, geography, oceanography, and astronomy that approach Earth as a system. Areas of study include those related to plate tectonics, earthquakes, volcanoes, geologic time, landscape evolution, weather systems, ocean circulation, climate change, and exploration of the solar system.

#### ES 100L Earth Systems Laboratory (1)

3 hours laboratory

**Prerequisite:** Completion of, or concurrent enrollment in ES 100

**Transfer acceptability:** CSU; UC

C-ID GEOL 120L

Laboratory and field investigations of the Earth as a system including the geosphere, atmosphere, hydrosphere, and exosphere (solar system) as well as an assessment of society's role in Earth's processes. Focuses on the physical and chemical systems of the Earth such as the tectonic cycle, rock cycle, hydrologic cycle, weather, and climate.

#### ES 115 Natural Disasters and Environmental Hazards (3)

3 hours lecture

**Note:** Cross listed as GEOG 115

**Transfer acceptability:** CSU; UC

Examination and analysis of natural disasters and environmental hazards including earthquakes, tsunamis, volcanic activity, hurricanes, flooding, air and water pollution, and global climate change.

## Economics (ECON)

Contact the Economics, History and Political Science Department for further information.

(760) 744-1150, ext. 2412

Office: MD-375

For transfer information, consult a Palomar College Counselor.

### Associate in Arts Degrees -

AA Degree requirements are listed in Section 6 (green pages).

- Economics

### Certificates of Achievement -

Certificate of Achievement requirements are listed in Section 6 (green pages).

- Economics

### PROGRAM OF STUDY

#### Economics

Provides lower division preparation for pursuing advanced studies in economics or prepares a complementary base for many professions and areas of interest including business administration, law, engineering, journalism, public administration, and environmental studies. Transfer students should consult the four year college or university catalog for specific requirements or see a Palomar College counselor.

### A.A. DEGREE MAJOR OR CERTIFICATE OF ACHIEVEMENT

Program Requirements	Units
ECON 101 Principles of Economics (Macro)	3
ECON 102 Principles of Economics (Micro)	3

#### Group I (Select 6 units)

ECON 110	Comparative Economic Systems	3
ECON 115	Economic History of the United States	3
ECON 120	Environmental Economics	3
ECON 125	Introduction to Labor Studies	3
ECON 295	Directed Study in Economics	3
IBUS 100	Intro to Int'l Business Management	3

#### Group II (Select 7-8 units)

MATH 110	College Algebra	4
MATH 120	Elementary Statistics	4
MATH 130	Calculus for the Social Sciences	4

#### Group III (Select 3 units)

CSIT 105	Computer Concepts and Applications	3
PHIL 200	Critical Thinking	3

**TOTAL UNITS** 23

### COURSE OFFERINGS

#### ECON 100 Basic Economics (3)

3 hours lecture

**Note:** Not intended for programs which require Principles of Economics ECON 101 and/or 102

**Transfer acceptability:** CSU; UC – no credit if taken after ECON 101 or 102

A study of the American economic system as it affects the decision making of the individual as income earner, taxpayer, and voter. Emphasis is on application of the analyses of supply and demand, productivity, wages and the labor force, the money and banking system, the role of government, and domestic and international economic issues.

#### ECON 101 Principles of Economics (Macro) (3)

3 hours lecture

**Prerequisite:** A minimum grade of 'C' in MATH 56, or MATH 60, or eligibility determined through the math placement process.

**Transfer acceptability:** CSU; UC

C-ID ECON 202

Descriptive analysis of the structure and functioning of the economy of the United States. Emphasizes national income, problems of inflation and unemployment, the role of government, specifically fiscal and monetary policies, money and banking, economic growth, and analysis of global issues.

#### ECON 102 Principles of Economics (Micro) (3)

3 hours lecture

**Prerequisite:** A minimum grade of 'C' in MATH 56, or MATH 60, or eligibility determined through the math placement process.

**Transfer acceptability:** CSU; UC

C-ID ECON 201

Analyzes decision-making of individuals and groups as it relates to economic behavior. Examines market structures and resource markets under varying degrees of competition. Investigates causes of market failures such as public goods and externalities. Includes international trade and finance.

#### ECON 110 Comparative Economic Systems (3)

3 hours lecture

**Transfer acceptability:** CSU; UC

A study of various types of economic institutions and decision making systems. Emphasis is given to the theories of capitalism, Marxian economics, and the various types of social market economies. The theories will be applied to the study of several countries, including the former Soviet Union, Japan, China, Mexico, and a Western European country, as they compare to the United States.

#### ECON 115 Economic History of the United States (3)

3 hours lecture

**Transfer acceptability:** CSU; UC

Development of the United States economy from the colonial period to the present. Emphasis will be on the evolution of such institutions as labor unions, business, banking, and government. Economic theory will be used to analyze historical problems.