

## Anatomy

See Zoology

## Anthropology (ANTH)

Contact the Behavioral Sciences Department for further information.

(760) 744-1150, ext. 2330

Office: MD-261

For transfer information, consult a Palomar College Counselor.

### Associate in Arts Degrees -

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

- Archaeology

### Certificates of Achievement -

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

- Archaeological Excavator
- Archaeological Surveyor and Laboratory Assistant

### PROGRAMS OF STUDY

Students desiring a career in the field of archaeology or other fields of anthropology have the option of selecting a program leading to the Associate in Arts Degree and/or one or two programs leading to Certificates of Achievement, depending upon their needs and desires.

### Archaeological Excavator

Prepares student for employment as an archaeological site excavator.

#### CERTIFICATE OF ACHIEVEMENT

Program Requirements	Units
ANTH 100 Introduction to Biological Anthropology	3
ANTH 105 Introduction to Cultural Anthropology	3
ANTH 110 Introduction to Archaeology	3
ANTH 120 Archaeological Excavation	3
ANTH/AIS 130 Prehistoric Cultures of North America	3
ANTH/AIS 140 or The Original Californians	3
ANTH 121 and Cultural Resource Management	2
ANTH 297 Special Problems in Archaeology	2
ANTH 205 Advanced Archaeological Excavation	3
<b>TOTAL UNITS</b>	<b>21-22</b>

### Archaeological Surveyor and Laboratory Assistant

Prepares student for employment as an archaeological surveyor and laboratory assistant.

#### CERTIFICATE OF ACHIEVEMENT

Program Requirements	Units
ANTH 100 Introduction to Biological Anthropology	3
ANTH 105 Introduction to Cultural Anthropology	3
ANTH 110 Introduction to Archaeology	3
ANTH 120 Archaeological Excavation	3
ANTH 205 or Advanced Archaeological Excavation	3
ANTH 220 Advanced Archaeological Surveying	3
ANTH 210 Archaeological Surveying	3
ANTH 215 Archaeological Laboratory Analysis	3
<b>TOTAL UNITS</b>	<b>21</b>

## Archaeology

Provides the student with training which will enhance employment opportunities as a professional archaeologist as well as providing a solid foundation for a B.A. and advanced degrees in Anthropology/ Archaeology.

## A.A. DEGREE MAJOR

Program Requirements	Units
ANTH 100 Introduction to Biological Anthropology	3
ANTH 105 Introduction to Cultural Anthropology	3
ANTH 110 Introduction to Archaeology	3
ANTH 120 Archaeological Excavation	3
ANTH 121 Cultural Resource Management	2
ANTH 130/ AIS 130 or Prehistoric Cultures of North America	
ANTH/AIS 140 The Original Californians	3
ANTH 205 Advanced Archaeological Excavation	3
ANTH 210 Archaeological Surveying	3
ANTH 215 Archaeological Laboratory Analysis	3
ANTH 225 Historical Archaeology	3

### Electives (Select 5 units from Groups One and/or Two)

#### Group One

AIS 150 American Indian Philosophy and Religion	3
ANTH 107 Language and Culture	3
ANTH 125 Evolution, Science & Religion	3
ANTH/AS 126 Cultures of Africa	3
ANTH 135 Magic and Folk Religions	3
ANTH/CS 155 Ancient Civilizations of Meso America	3
ANTH 296 Special Problems in Anthropology	1, 2, 3
GEOL 100 Physical Geology	3

#### Group Two (strongly recommended for focus on technical skills)

ANTH 100L Biological Anthropology Laboratory	1
ANTH 220 Advanced Archaeological Surveying	3
ANTH 297 Special Problems in Archaeology	1, 2, 3
ARCH/DT 125 AutoCAD Intro to Computer Aided Drafting	3
CE 150 Cooperative Education Internship	2, 3
CSIT 135 Access	1
GEOG 120 Intro Geog Info Sys/Software	4
GEOG 132 Database Mgmt/Data Acquisition	4
GEOG 134 GIS Applications	2
GEOG 136 Intermediate ArcGIS: GIS Analysis	2
GEOG 138 GIS Internship	2
PHOTO 230 Digital Darkroom I	3
PSYC/SOC 205 Statistics for the Behavioral Sciences	3

**TOTAL UNITS** **34**

## COURSE OFFERINGS

An activity may be taken four times for credit. Activity is defined to include all ability levels (e.g., A student may take a total of only four Archeological Excavation courses for credit).

### ANTH 100 Introduction to Biological Anthropology (3)

3 hours lecture

**Transfer acceptability:** CSU; UC – ANTH 100/100L and 101 combined: max credit, 4 units

Human bio cultural origins. The place of humans in nature. Fossil evidence for human and other primate evolution; genetic variability; primate behavior; relationship of physical and cultural adaptations.

### ANTH 100L Biological Anthropology Laboratory (1)

3 hours laboratory

**Prerequisite:** A minimum grade of 'C' in ANTH 100, or concurrent enrollment in ANTH 100

**Transfer acceptability:** CSU; UC

This laboratory course provides an introduction to the methods and techniques used in research in physical/biological anthropology. The topics under study include: the scientific method, principles of evolution, human genetics, human osteology, anthropometrics, forensic anthropology, anatomy and behavior of living nonhuman primates, and paleoanthropology.

**ANTH 101 Introduction to Biological Anthropology (4)**

3 hours lecture - 3 hours laboratory

**Transfer acceptability:** CSU; UC

The lecture and laboratory course provides an introduction to the methods and techniques used in research in biological anthropology. The topics under study include: the scientific method, principles of evolution, human genetics, human osteology, anthropometrics, forensic anthropology, anatomy and behavior of living nonhuman primates, and paleoanthropology.

**ANTH 105 Introduction to Cultural Anthropology (3)**

3 hours lecture

**Transfer acceptability:** CSU; UC

An introduction to the study of concepts, theories, and methods used in the comparative study of sociocultural systems. The course typically includes subjects such as subsistence patterns, social and political organization, language and communication, family and kinship, religion, the arts, social inequality, ethnicity, gender, culture change and the application of anthropological perspectives to contemporary issues.

**ANTH 107 Language and Culture (3)**

3 hours lecture

**Transfer acceptability:** CSU; UC

An introduction to linguistic anthropology, the study of language, culture and society from an anthropological perspective. Topics include the biology of language, anthropological theories of language origin, language structure, the relationship between language and culture, language variation, and nonverbal communication.

**ANTH 110 Introduction to Archaeology (3)**

3 hours lecture

**Transfer acceptability:** CSU; UC

An introduction covering the history, objectives, and methods of archaeology; significant discoveries throughout the old and new worlds, and the history and nature of culture as revealed by archaeology as an anthropological study. Field studies in local areas may be included.

**ANTH 115 Comparative Societies (3)**

3 hours lecture

**Transfer acceptability:** CSU; UC

A survey of the world's diverse peoples and customs as presented in films, lectures, and case study readings.

**ANTH 120 Archaeological Excavation (3)**

1 hour lecture - 6 hours laboratory

**Transfer acceptability:** CSU

Archaeological field techniques to include a minimum of 90 hours of in field experience. Course will include excavation, use of instruments/tools, and preparation of a project analysis or report.

**ANTH 121 Cultural Resource Management (2)**

2 hours lecture

**Recommended preparation:** ANTH 120**Transfer acceptability:** CSU

The historical, legal, and operational contexts of Cultural Resource Management (CRM or Applied Archaeology). Historical and legal contexts focus on key legislation, such as the National Historic Preservation Act and the California Environmental Quality Act. The operational context focuses on the phases of CRM research in the context of technological innovations, budget and time constraints, Native American consultation, and the goals of CRM technical reports.

**ANTH 125 Evolution, Science and Religion (3)**

3 hours lecture

**Transfer acceptability:** CSU; UC

The course focuses on the long-standing debate surrounding biological evolution and various religious views of creation. The evidence and arguments offered for and against evolution and creationist world views are examined in the context of science and the scientific method, the influence of cultural and personal values, the nature and use of evidence, and the difference between knowledge and belief.

**ANTH 126 Cultures of Africa (3)**

3 hours lecture

**Note:** Cross listed as AS 126**Transfer acceptability:** CSU; UC

Introduction to the indigenous peoples and cultures of Africa. Brief prehistoric and historic background of the continent. Comparative study of traditional cultures representative of the continent's diversity. Focus on social, economic, political, religious and aesthetic life, and culture change.

**ANTH 130 Prehistoric Cultures of North America (3)**

3 hours lecture

**Note:** Cross listed as AIS 130**Transfer acceptability:** CSU; UC

Emphasis given to prehistoric cultural traditions of the Eastern Woodlands, Central Plains, Far Western United States, and Canada. Special concern for archaeological problems, reconstruction of these traditions and cultural changes.

**ANTH 135 Magic and Folk Religions (3)**

3 hours lecture

**Transfer acceptability:** CSU; UC

Anthropological view of the relationships between magic and religion as expressed in rituals, myths, and art is explored through a survey of the less formal or minor religious systems of the world.

**ANTH 137 Medical Anthropology: Culture, Illness and Healing (3)**

3 hours lecture

**Transfer acceptability:** CSU

This course is a cross-cultural survey of health, illness and healing in small-scale societies as well as modern societies from a cultural, biological, and ecological perspective. Topics covered include perceptions of the body, perceptions of disease, life phases, culture-specific syndromes, healing practices, healers, nutrition, and healing and medical systems.

**ANTH 140 The Original Californians (3)**

3 hours lecture

**Note:** Cross listed as AIS 140**Transfer acceptability:** CSU; UC

Native people of California: Their origin, language, arts, customs, religion, folklore, and music. Special emphasis on Southern California.

**ANTH 155 Ancient Civilizations of Meso America (3)**

3 hours lecture

**Note:** Cross listed as CS 155**Transfer acceptability:** CSU; UC

Civilizations of Pre Columbian Mexico and Central America with a focus on their origins and achievements.

**ANTH 205 Advanced Archaeological Excavation (3)**

1 hour lecture - 6 hours laboratory

**Recommended preparation:** ANTH 120**Note:** May be taken 4 times**Transfer acceptability:** CSU

Training in excavating archaeological features. Specialized field techniques, Archaeological theory as it applies to site interpretation.

**ANTH 210 Archaeological Surveying (3)**

2½ hours lecture - 1½ hours laboratory

**Recommended preparation:** ANTH 120**Transfer acceptability:** CSU

Archaeological surveying techniques including field reconnaissance, use of topographical maps, site recording, and preparation of a project analysis or report.

**ANTH 215 Archaeological Laboratory Analysis (3)**

2½ hours lecture - 1½ hours laboratory

**Transfer acceptability:** CSU

Training in the laboratory analysis of stone, ceramic, bone, and other artifacts as well as elementary archaeological theory, statistics, and report preparation.

**ANTH 220 Advanced Archaeological Surveying (3)**

2½ hours lecture - 1½ hours laboratory

**Recommended preparation:** ANTH 210**Transfer acceptability:** CSU

Advanced archaeological survey techniques including sample survey, site relocation, and the use of Global Positioning System (GPS) and laser transit hardware and software for site recordation, data conversion, site mapping, and the completion of a mapping program.

**ANTH 225 Historical Archaeology (3)**

2½ hours lecture - 1½ hours laboratory

**Recommended preparation:** ANTH 120**Note:** May not be taken for Pass/No Pass grading**Transfer acceptability:** CSU

Method and theory of historical archaeology, including archival research, artifact identification, and report preparation. Training in the location and interpretation of archival documents, such as Franciscan Mission records, Spanish land grant documents, homestead patents, Sanborn fire insurance maps, assessor's records, and historical topographic maps. Training in the identification of ceramic, glass and metal artifacts and their associated function, method of manufacture, manufacturer, and temporal distribution.

**ANTH 296 Special Problems in Anthropology (1, 2, 3)**

3, 6, or 9 hours laboratory

**Note:** ANTH 296 and 297 may be taken 4 times as Archaeology AA degree electives for a combined maximum of 6 units.**Transfer acceptability:** CSU; UC - Credit determined by UC upon review of course syllabus.

An individualized or group project in cultural or physical anthropology of any nature approved by the instructor and under the personal supervision of the instructor.

**ANTH 297 Special Problems in Archaeology (1, 2, 3)**

3, 6 or 9 hours laboratory

**Note:** ANTH 296 and 297 may be taken 4 times as Archaeology AA degree electives for a combined maximum of 6 units.**Transfer acceptability:** CSU; UC - Credit determined by UC upon review of course syllabus.

An individualized or group project in archaeology approved by the instructor and under the personal supervision of the instructor.

**Apprenticeship Training (AP)**

**Acoustical Installer, Carpentry, Drywall/Lather, Electrician, Inside Wireman, Plasterer, Residential Wireman, Sheet Metal, Sound and Communication Systems, Sound Technician**

Contact Occupational &amp; Noncredit Programs for further information.

(760) 744-1150, ext. 2600

Office: AA-136

**Associate in Arts Degrees -**

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

- Acoustical Installer
- Carpentry
- Drywall/Lather
- Electrician
- Inside Wireman
- Plasterer
- Residential Wireman
- Sheet Metal
- Sound and Communication Systems Installer
- Sound Technician

**Certificates of Achievement -**

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

- Acoustical Installer
- Carpentry
- Drywall/Lather
- Electrician
- Inside Wireman
- Plasterer
- Residential Wireman

- Sheet Metal
- Sound and Communication Systems Installer
- Sound Technician

**PROGRAMS OF STUDY**

A program for the training of apprentices, consisting of full-time, on-the-job employment plus related classroom instruction.

**A CERTIFICATE OF ACHIEVEMENT and/or JOURNEYPERSON TRADE CERTIFICATE will be awarded to students for each program successfully completed. Students who wish to obtain an Associate in Arts Degree may do so by fulfilling the general graduation requirements in addition to the completion of the apprenticeship courses.**

A program is maintained for the training of apprentices in the trades as listed. Students who wish to become apprentices should appear before the appropriate Joint Apprenticeship Committee. Training consists of full-time work on-the-job supplemented by related classroom instruction. All students entered in the apprenticeship work experience program are expected to enter AP WE 110, 111, 112, 113, or 114. A maximum of 16 units, Pass/No Pass only, may be earned in Cooperative Work Experience Education, not to exceed 8 units each semester.

Students whose work or attendance is not satisfactory may be dropped from the program by the College, or other corrective measures may be taken by the Joint Apprenticeship Committee. The College grants academic credit for the successful completion of the training program.

Upon completion of the training program, journeyperson trade certificates and college achievement certificates are awarded at a special completion ceremony.

The final digit in the course number indicates that period of apprenticeship.

**SAFETY GLASSES** - Education Code 32030-32034 requires that safety glasses be worn in those classes where eye damage might occur. Students in such classes will be so informed by their instructors. Glasses are available at the college bookstore.

**Acoustical Installer (AP AC)**

A three-year apprenticeship program. Applicants for this program should be directed to the Carpenters Joint Apprenticeship and Training Committee for Southern California, San Diego Carpenters Training Center, 8595 Miralani Drive, San Diego, CA 92126. Telephone (858) 621-2667.

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

Program Requirements		Units
AP DL/AP PL/ AP AC 201	Orientation	1.5
AP DL/AP PL/ AP AC 202	Safety and Health Certifications	1.5
AP DL/AP PL/ AP AC 203	Printreading	1.5
AP DL/ AP AC 204	Advanced Printreading	1.5
AP AC 205	Acoustical Ceilings	1.5
AP AC 206	Standard Acoustical Grids	1.5
AP AC 207	Suspended Ceilings	1.5
AP AC 208	Soffits	1.5
AP AC 209	Prefab/Sound Panels	1.5
AP AC 210	Concealed/Glue-Up/Staple-Up System	1.5
AP AC 211	Compasso	1.5
AP AC 212	Metal Pan and Security Systems	1.5
AP AC 213	Advanced Acoustical Installation	1.5
AP AC 214	Advanced Acoustical Layout	1.5
AP AC 215	Drywall Acoustical Ceilings	1.5
AP WE 112	Drywall/Acoustical Work Experience	16
<b>TOTAL UNITS</b>		<b>38.5</b>