

# ARCHAEOLOGY PROGRAM

**Director:** John Rick (Anthropological Sciences)  
**Executive Committee:** Gail Mahood (Geological and Environmental Sciences), John Rick (Anthropological Sciences) Michael Shanks (Classics)  
**Professors:** Ian Hodder (Cultural and Social Anthropology), Richard Klein (Anthropological Sciences), Gail Mahood (Geological and Environmental Sciences), Ian Morris (Classics, History), Amos Nur (Geophysics), Michael Shanks (Classics)  
**Associate Professors:** Jody Maxmin (Art History, Classics), John Rick (Anthropological Sciences)  
**Assistant Professors:** Joanna Mountain (Anthropological Sciences), Jennifer Trimble (Classics), Barbara Voss (Cultural and Social Anthropology), Michael Wilcox (Cultural and Social Anthropology)  
**Associated Staff:** Laura Jones (Campus Archaeologist), Tom Seligman (Cantor Center)  
**Fellows:** Emma Blake, Patrick Hunt, Bill Rathje, Rob Schon, James Truncer

Department Offices: *Building 60, Main Quad*  
 Mail Code: 94305-2170  
 Web site: <http://archaeology.stanford.edu>

Courses given in the Archaeology Program have the subject code ARCH. For a complete list of subject codes, see Appendix B.

Humans have walked the earth for something like five million years, but only invented writing five thousand years ago. And for most of the period since its invention, writing only tells us about small elite groups. Archaeology is the only discipline that gives direct access to the experiences of all members of all cultures, everywhere in the world. Stanford's Archaeology Program is unique in providing students with an interdisciplinary approach to the material remains of past societies, drawing in equal parts on the humanities, social sciences, and natural sciences.

The program has three goals:

1. To provide a broad and rigorous introduction to the analysis of the material culture of past societies, drawing on the questions and methods of the humanities, social sciences, and natural sciences.
2. To relate this analysis to the practice of archaeology in the contemporary world.
3. To help each student achieve a high level of understanding through concentrated study of a particular research area.

The Archaeology curriculum draws on faculty from a wide range of University departments and schools. To complete the requirements for the major, students must take courses from the offerings of the program and from the listings of other University departments. The program culminates in a B.A. in Archaeology.

Archaeology majors are well prepared for advanced training in professional schools (for example, education, law, journalism) and, depending on their choice of upper-division courses, graduate programs in the humanities, social sciences, and natural sciences.

## UNDERGRADUATE PROGRAMS

### BACHELOR OF ARTS

The B.A. in Archaeology requires a minimum of 65 units in the major, divided between five components:

1. **Core Program** (20 units), consisting of:
  - a) Gateway: ARCH 1, Introduction to Prehistoric Archaeology (5 units)
  - b) Intermediate: ARCH 2, Introduction to Scientific Methods in Archaeology (5 units)
  - c) Intermediate: ARCH 3, History of Archaeological Thought (5 units)
  - d) Capstone: ARCH 4, The Archaeology of Contemporary Issues (5 units; Writing in the Major)

ANTHSCI 3 is highly recommended as a first course, and many of the upper-level courses in Archaeology require this course as a

prerequisite. Students should normally take the capstone course in their final year of course work in the major.

2. **Analytical Methods and Computing** (at least 3-5 units): quantitative skills and computing ability are indispensable to archaeologists. It is recommended that students take either ANTHSCI 192, Data Analysis in Anthropological Science, or ANTHSCI 208, Models and Imaging in Archaeological Computing. Other courses that may satisfy this requirement are PSYCH 10/STATS 60, ECON 102A, and GES 160.
3. **Archaeological Skills** (at least 10 units): archaeological skills include botanical analysis, cartography, ceramic analysis, dating methods, faunal analysis, geographic information systems, geology, geophysics, genetics, osteology, remote sensing, soil chemistry, and statistics. With the approval of the instructor, undergraduates may fulfill part of this requirement from graduate-level courses (i.e., courses with numbers of 200 or higher). Note: this list combines historical and current offerings subject to change. Please contact the Archaeology administrator for course planning beyond 2002-03 and check web site.

ANTHSCI 108/208. Models and Imaging in Archaeological Computing	5
ANTHSCI 133A. Beginning Osteology	5
ANTHSCI 133B. Advanced Osteology	5
ANTHSCI 146. Archaeological Ceramics	5
ANTHSCI 148. Introduction to Scientific Methods in Archaeology	5
ANTHSCI 149. Archaeological Field Methods	5
ANTHSCI 189. Research Methods in Anthropological Genetics	5
ANTHSCI 192. Data Analysis in Anthropological Sciences	5
ANTHSCI 247. Animal Bones for Archaeologists: Faunal Analysis	5
CASA 103. Laboratory Methods in Historical Archaeology	5
GES 1. Fundamentals of Geology	5
GES 48N. Volcanoes of the Eastern Sierra Nevada	5
GES 49N. Field Trip to Death Valley and Owens Valley	5
GES 80. Earth Materials	5
GES 112. Mapping the Geological Environment	4
GES 140. Geomorphology	3
GES 186/286: Geoarchaeology	5
GES 195. Integrating Remote Sensing and Geographic Information Systems (GIS)	3
GES 196. Introduction to Geographic Information Systems (GIS): Using ARC-View	5
GEOPHYS 50Q. Earthquakes and Archaeology in the Eastern Mediterranean	2

4. **Theory** (at least 10 units): topics include archaeological, art-historical, sociocultural, historical, and material culture theory. With the approval of the instructor, undergraduates may fulfill part of this requirement from graduate-level courses (i.e., courses with numbers of 200 or higher). Note: the following list is a combination of historical and current offerings. Please contact the Archaeology administrator for course planning beyond 2002-03 and check web site.

ANTHSCI 111. Language and Prehistory	5
ANTHSCI 130. Modern Human Origins	5
ANTHSCI 140. Stone Tools in Prehistory	5
ANTHSCI 141. Hunter-Gatherers in an Archaeological Perspective	5
ANTHSCI 145. Evolutionary Theory in Archaeology	5
ANTHSCI 147. The Archaeology of Contemporary Issues	5
ANTHSCI 190. Social Theory in the Anthropological Sciences	5
ANTHSCI 242. Beginnings of Social Complexity	5
CASA 108. History of Archaeological Thought	5
CASA 129/229. Ethics and Anthropology: Indigenous Peoples and the State, Representation, and Contemporary Debates	5
CASA 131. Archaeology and Anthropology of Visual Culture	5
CASA 134. Archaeology of Architecture	5
CASA 138. Feminist Practice in Archaeology	5
CASA 140. An Archaeology of Death	5
CASA 311B. Approaches to the Past: Putting Theories In Practices and Useful Categories of Historical Analysis	5
CASA 346A. Sexuality Studies in Anthropology	5
CASA 359. Approaches to the Body	5
CASA 372. Objectification: The Study of Material Culture	5
CASA 373. Introduction to Archaeological Theory	5
CASA 375. Archaeology and Globalism	4-5
CASA 380. Practice & Performance: Bourdieu, Butler, and Giddens	5
CLASSART 302. Classical Archaeology: Experiences of the Discipline	4-5
CLASSART 309. New Directions in Roman Archaeology	4-5
CLASSART 314. Archaeology and Society	4-5
CLASSART 316. Critical Theory in Classics	4-5
CLASSART 317. Introduction to Theory in Archaeology	4-5
CLASSGEN 119. Gender and Power in Ancient Rome	3-4

5. *Area of Concentration* (at least 20 units): in consultation with their faculty advisers, students choose an area of concentration in archaeological research. Concentrations can be defined in terms of time and space (e.g., Mediterranean Archaeology, New World Archaeology) or in terms of research problems (e.g., Hunter-Gatherer Archaeology, the Archaeology of Complex Societies). An area of concentration should provide both breadth and depth in a specific research area. Courses should be selected from the list given below. Courses other than those on this list can be used to fulfill this requirement with the prior approval of both the student's faculty adviser and the program director. With the approval of the instructor, undergraduates may fulfill part of this requirement from graduate-level courses (i.e., courses with numbers of 300 or higher). Some courses (e.g., ANTHSCI 140, Stone Tools in Prehistory) can be taken either to fulfill the skills requirement or as part of an area of concentration. However, each course may only count toward one component of the program. Students are encouraged to design their own area of concentration, with the prior approval of both the student's faculty adviser and the program director.

*Concentrations*—In addition to the following components, all majors must participate in an archaeological field project, and complete a collateral language requirement. Note: this list combines historical and current offerings subject to change. Please contact the Archaeology administrator for course planning beyond 2002-03 and visit the web site.

**Hunter-Gatherer Archaeology:**

ANTHSCI 130. Modern Human Origins	5
ANTHSCI 140. Stone Tools in Prehistory	5
ANTHSCI 141. Hunter-Gatherers in an Archaeological Perspective	5
ANTHSCI 142. Incas and their Ancestors: Peruvian Archaeology	5
CASA 140A. Archaeology of Hunter-Gatherers in Latin America	5

**Archaeology of Complex Societies:**

ANTHSCI 122. The Ancient Maya	5
ANTHSCI 142. Incas and their Ancestors: Peruvian Archaeology	5
CLASSART 101. Archaic Greek Art	5
CLASSART 102. Classical and 4th-Century Art	4-5
CLASSART 104. Etruscan and Roman Art	5
CLASSART 121. Edges of Empire: Archaeology & Roman Frontiers	5
CLASSART 200. Looking at Greek Vases	5
CLASSART 199. Beyond the 4th Century	5
CLASSART 220. The Body in Roman Art	5
CLASSART 309. New Directions in Roman Archaeology	4-5
CLASSART 315. Mapping Rome	4-5
CLASSART 318. Crete of the One Hundred Palaces	5
CLASSGEN 119. Gender and Power in Ancient Rome	3-4
IHUM 31A,B. The Ancient Empires	5

**Mediterranean Archaeology:**

CLASSART 101. Archaic Greek Art	5
CLASSART 102. Classical and 4th Century Art	4-5
CLASSART 104. Etruscan and Roman Art	5
CLASSART 199. Beyond the 4th Century	5
CLASSART 200. Looking at Greek Vases	5
CLASSART 220. The Body in Roman Art	5
CLASSART 309. New Directions in Roman Archaeology	4-5
CLASSART 315. Mapping Rome	4-5
CLASSART 318. Crete of the One Hundred Palaces	5
CLASSGEN 119. Gender and Power in Ancient Rome	5
IHUM 31A,B. The Ancient Empires	5
GEOPHYS 50Q. Earthquakes and Archaeology in the Eastern Mediterranean	5

**New World Archaeology:**

ANTHSCI 111. Language and Prehistory	5
ANTHSCI 115. Maya Hieroglyphic Writing	5
ANTHSCI 116. Research in Maya Hieroglyphic Writing	1-2
ANTHSCI 122. The Ancient Maya	5
ANTHSCI 140. Stone Tools in Prehistory	5
ANTHSCI 141. Hunter-Gatherers in an Archaeological Perspective	5
ANTHSCI 142. Incas and their Ancestors: Peruvian Archaeology	5
ANTHSCI 144. Archaeology of North America	5
CASA 16. Native Americans and Nation Building: Encounters, Identity, and Sovereignty in Contemporary America	5
CASA 130. Native Peoples & Anthropologists	3-5
CASA 135. Native Peoples of the Americas: Prehistory and History of Indigenous Societies	5
CASA 140A. Archaeology of Hunter-Gatherers in Latin America	5

*Archaeological Fieldwork*—Students may meet this requirement in three ways:

1. By taking ANTHSCI 149, Archaeological Field Methods.

2. By taking part in a month-long field project directed by a Stanford faculty member, and taking a directed reading during the returning academic year for credit. In 2002-03, field projects are underway in Peru, Sicily, Switzerland, Turkey, and San Francisco.

3. By completing a field school offered by another institution. Such field schools must be approved in advance by the student's undergraduate adviser and by the directors of the Archaeology Program.

*Collateral Language Requirement*—All Archaeology majors must demonstrate competence in a foreign language beyond the first-year level. Students can meet this requirement by completing a course beyond the first-year level with a grade of 'B-' or better, and are encouraged to choose a language that has relevance to their archaeological region or topic of interest. Students may petition to take an introductory-level course in a second language to fulfill this requirement by demonstrating the connection between the language(s) and their research interest(s).

To declare a major in Archaeology, students should contact the program administrator, who will provide an application form, answer initial questions, and help the student select a faculty adviser and area of concentration. All majors must complete 65 units, which must form a coherent program of study and be approved by the student's faculty adviser and the program directors.

Students who plan to pursue graduate work in Archaeology should be aware of the admission requirements of the particular departments to which they intend to apply. These vary greatly. Early planning is advisable to guarantee completion of major and graduate school requirements.

**MINOR**

A minor in Archaeology provides an introduction to the study of the material cultures of past societies. It can complement many majors, including (but not limited to) Anthropological Sciences, Applied Physics, Art and Art History, Classics, Cultural and Social Anthropology, Earth Systems, Geological and Environmental Sciences, History, and Religious Studies.

To minor in Archaeology, the student must complete at least 27 units of relevant course work, including:

1. *Core Program* (10 units), consisting of:

- a) Gateway: ARCH 1, Introduction to Prehistoric Archaeology (enroll in ANTHSCI 3, 5 units)
- b) Capstone: ARCH 4, The Archaeology of Contemporary Issues (enroll in ANTHSCI 147, 5 units; Writing in the Major)

ANTHSCI 3 is highly recommended as a first course, and many of the upper-level courses in archaeology require this course as a prerequisite. Students should normally take the capstone course in their final year of course work in the major.

2. *Archaeological Skills* (2-5 units): archaeological skills include dating methods, faunal analysis, botanical analysis, ceramic analysis, geology, geophysics, soil chemistry, remote sensing, osteology, genetics, statistics, cartography, and Geographic Information Systems. The course(s) must be selected from the list given above.

3. *Theory* (5 units): topics include archaeological, art-historical, socio-cultural, historical, and material-culture theory. The course(s) must be selected from the list given above.

4. *Area of Concentration* (10 units): in consultation with their faculty advisers, students choose an area of concentration in archaeological research. Concentrations can be defined in terms of time and space (for example, Mediterranean Archaeology, New World Archaeology) or in terms of research problems (for example, Hunter-Gatherer Archaeology, the Archaeology of Complex Societies). An area of concentration should provide both breadth and depth in a specific research area. Courses must be selected from the list above. Students are encouraged to design their own area of concentration, with the prior approval of both the student's faculty adviser and the program director.

Students must complete the declaration process (both the planning form submission and Axxess registration) by the last day of the quarter, two quarters prior to degree conferral (for example, by the last day of Autumn Quarter if Spring graduation is intended).

## HONORS PROGRAM

The honors program in Archaeology gives qualified majors the chance to work closely with faculty on an individual research project culminating in an honors thesis. Students may begin honors research from a number of starting points including topics introduced in the core or upper-division courses, independent interests, research on artifacts in Stanford's collections, or fieldwork experiences.

Candidates of sophomore and junior standing with an overall Stanford grade point average (GPA) of 3.0 or better should submit an application to the program administrator no later than the end of the fourth week of the Spring Quarter. It must include a brief statement of the project, a transcript, a short paper, and a letter of recommendation from the faculty member who will supervise the honors thesis. Students will be notified of their acceptance by the Undergraduate Committee.

Approved candidates must complete all of the requirements for their major and submit an honors thesis no later than four weeks prior to the end of the quarter in which graduation is anticipated. The thesis is read by the candidate's adviser and a second reader appointed by the undergraduate committee. Honors candidates may enroll in one of the honors or thesis courses in Anthropological Sciences, Classics, Cultural and Social Anthropology, Geological and Environmental Sciences, or Geophysics for up to three quarters during their senior year (15 units maximum). No more than 5 of those units may count toward the 65-unit degree requirement.

## COURSES

### CORE COURSES

These courses are required of all Archaeology majors.

**ARCH 1. Introduction to Prehistoric Archaeology**—(Same as ANTHSCI 3.) Aims, methods, and data in the study of human society's development from early hunters through late prehistoric civilizations. Archaeological sites and remains characteristic of the stages of cultural development are examined for selected geographic areas, emphasizing methods of data collection and analysis appropriate to each. GER:3b,4a  
3-5 units, Aut (Rick)

**ARCH 2. Introduction to Scientific Methods in Archaeology**—(Same as ANTHSCI 148.) Scientific methods used in archaeology to interpret the material traces of the past: research design, dating, methods, faunal analysis, botanical analysis, ceramic analysis, geology, geophysics, earth science, soil chemistry, osteology, genetics, statistics, geography, cartography, and geographic information systems.  
5 units, Aut (Truncer)

**ARCH 3. History of Archaeological Thought**—(Same as CASA 108.) Introduction to the history of archaeology and the diverse forms that the discipline takes today, emphasizing significant developments and debates over the past five decades. Historical overview of culture historical, processual and post-processual archaeology, and topics that illustrate the differences and similarities in these different theoretical approaches. GER:3b  
5 units, Aut (Voss)

**ARCH 4. The Archaeology of Contemporary Issues**—(Same as ANTHSCI 147.) Archaeological theory, method, and data are used to arrive at a better understanding of an issue of contemporary public concern. Issues include resource and energy management strategies such as the electricity situation in California, biodegradation and solid waste management, "they don't make 'em like they used to," the relationship between humans and dogs, ethnic wars in the Balkans and elsewhere, and Bill Gates' strategies in the rise of Microsoft. (WIM)  
5 units, Win (Rathje)

## INTERDEPARTMENTAL OFFERINGS

See respective department listings for course descriptions and General Education Requirements (GER) information.

### ANTHROPOLOGICAL SCIENCES

**ANTHSCI 3. Introduction to Prehistoric Archaeology**  
3-5 units, Aut (Rick)

**ANTHSCI 108/208. Models and Imaging in Archaeological Computing**  
3 units, Spr (Rick)

**ANTHSCI 111. Language and Prehistory**  
5 units, Aut (Fox)

**ANTHSCI 115. Maya Hieroglyphic Writing**  
5 units (Fox) not given 2002-03

**ANTHSCI 116. Research in Maya Hieroglyphic Writing**  
5 units (Fox) not given 2002-03

**ANTHSCI 122. The Ancient Maya**  
2-5 units (Fox) not given 2002-03

**ANTHSCI 130. Modern Human Origins**  
5 units (Klein) not given 2002-03

**ANTHSCI 133A/233A. Beginning Osteology**  
5 units, Aut (Staff)

**ANTHSCI 133B/233B. Advanced Osteology**  
5 units, Spr (Weaver)

**ANTHSCI 140. Stone Tools in Prehistory**  
5 units, any quarter (Rick)

**ANTHSCI 141/241. Hunter-Gatherers in Archaeological Perspective**  
5 units, Win (Rick, Steele)

**ANTHSCI 142. Incas and their Ancestors: Peruvian Archaeology**  
3-5 units, Spr (Bandy)

**ANTHSCI 144. Archaeology of North America**  
5 units, Win (Truncer)

**ANTHSCI 145/245. Evolutionary Theory in Archaeology**  
3-5 units (Truncer) not given 2002-03

**ANTHSCI 146/246. Archaeological Ceramics**  
4 units (Bandy) not given 2002-03

**ANTHSCI 147. The Archaeology of Contemporary Issues**  
5 units, Win (Rathje)

**ANTHSCI 148. Introduction to Scientific Methods in Archaeology**  
5 units, Aut (Truncer)

**ANTHSCI 149. Archaeological Field Methods**  
5 units, Spr (Bandy)

**ANTHSCI 189. Research Methods in Anthropological Genetics**  
5 units (Mountain) not given 2002-03

**ANTHSCI 190A. Social Theory in the Anthropological Sciences**  
5 units, Win (Brown)

**ANTHSCI 192/292. Data Analysis in the Anthropological Sciences**  
5 units, Spr (Weaver)

**ANTHSCI 194. Post Field Seminar**  
5 units, Aut (Lu-Holt)



- ANTHSCI 198. Museum Method**  
*1-4 units, any quarter (Rick)*
- ANTHSCI 242. Beginnings of Social Complexity**  
*5 units, Spr (Rick)*
- ANTHSCI 243. Introduction to Prehistoric Archaeology**  
*3-5 units (Staff) not given 2002-03*
- ANTHSCI 247. Animal Bones for the Archaeologist (Faunal Analysis)**  
*5 units (Staff) not given 2002-03*
- ANTHSCI 248. Dating Methods in Archaeology and Paleoanthropology**  
*5 units (Klein, Bischoff) not given 2002-03*
- CLASSICS, ART/ARCHAEOLOGY**
- CLASSART 101/201. Archaic Greek Art**  
*4 units, Aut (Maxmin)*
- CLASSART 102. Classical and 4th-Century Art**  
*4 units, Win (Maxmin)*
- CLASSART 104/204. Etruscan and Roman Art**  
*4 units (Maxmin) not given 2002-03*
- CLASSART 121/321. Edges of Empire: Archaeology and Roman Frontiers**  
*3-5 units, Spr (Shanks, Trimble)*
- CLASSART 126. Alpine Archaeology**  
*3-5 units, Spr (Hunt)*
- CLASSART 150. Archaeological Field Work in the Mediterranean**  
*3 units, Spr (Staff)*
- CLASSART 199. Beyond the 4th Century**  
*5 units, Spr (Maxmin)*
- CLASSART 200. Looking at Greek Vases**  
*5 units, Aut (Maxmin)*
- CLASSART 220. The Body in Roman Art**  
*4 units, Win (Trimble)*
- CLASSART 302. Classical Archaeology: Experiences of the Discipline**  
*4-5 units (Morris) not given 2002-03*
- CLASSART 309. New Directions in Roman Archaeology**  
*4-5 units (Trimble) not given 2002-03*
- CLASSART 314. Archaeology and Society**  
*4-5 units (Shanks) not given 2002-03*
- CLASSART 315. Mapping Rome**  
*4-5 units, Win (Trimble)*
- CLASSART 316. Critical Theory in Classics**  
*4-5 units, Spr (Shanks)*
- CLASSART 317. Introduction to Theory in Archaeology**  
*4-5 units, Aut (Shanks, Rathje)*
- CLASSART 318. Crete of the One Hundred Palaces**  
*4-5 units, Aut (Carter)*
- CLASSGEN 119. Gender and Power in Ancient Rome**  
*3-4 units (Trimble) not given 2002-03*
- CULTURAL AND SOCIAL ANTHROPOLOGY**
- CASA 16. Native Americans and Nation Building: Encounters, Identity, and Sovereignty in Contemporary America**  
*5 units, Win (Wilcox)*
- CASA 94. Postfield Research Seminar**  
*5 units, Aut (Bornstein)*
- CASA 103. Laboratory Methods in Archaeology**  
*5 units, Win (Voss)*
- CASA 108. History of Archaeological Thought**  
*5 units, Aut (Voss)*
- CASA 129/229. Ethics and Anthropology: Indigenous Peoples and the State, Representation, and Contemporary Debate**  
*5 units, Spr (Wilcox)*
- CASA 130/230. Native Peoples and Anthropology: Theory, Policy, and Practice**  
*3-5 units (Wilcox) not given 2002-03*
- CASA 131/231. Archaeology and Anthropology of Visual Culture**  
*5 units (Staff) not given 2002-03*
- CASA 134/234. Archaeology of Architecture**  
*5 units (Voss) not given 2002-03*
- CASA 135/235. Native Peoples of the Americas: Prehistory, Contacts, and Contemporary Debates**  
*5 units, Spr (Wilcox)*
- CASA 137A. Introduction to Skills in Archaeology**  
*5 units (Staff) not given 2002-03*
- CASA 137E. Excavation at Catalhoyuk, Turkey**  
*5 units, Spr (Hodder, Carter)*
- CASA 138. Feminist Practice in Archaeology**  
*5 units (Voss) not given 2002-03*
- CASA 140/240. An Archaeology of Death**  
*5 units, Spr (Carter)*
- CASA 311B. Approaches to the Past: Putting Theories In Practices and Useful Categories of Historical Analysis**  
*3-5 units, Spr (Domanski)*
- CASA 346A. Sexuality Studies in Anthropology**  
*5 units, Win (Mankekar, Voss)*
- CASA 359. Approaches To The Body**  
*5 units (Hodder) not given 2002-03*
- CASA 372. Objectification: Study of Material Culture Theory**  
*4-5 units (Hodder) not given 2002-03*
- CASA 373. Introduction to Archaeological Theory**  
*5 units (Hodder) not given 2002-03*
- CASA 375. Archaeology and Globalism**  
*4-5 units (Hodder) not given 2002-03*
- CASA 380. Practice and Performance: Bourdieu, Butler, and Giddens**  
*5 units, Aut (Voss)*

## GEOLOGICAL AND ENVIRONMENTAL SCIENCES

**GES 1. Fundamentals of Geology***5 units, Aut (Surpless)***GES 48N. Volcanoes of the Eastern Sierra Nevada***2 units (Mahood) alternate years, given 2003-04***GES 49N. Field Trip to Death Valley and Owens Valley***3 units, Win (Mahood)***GES 80. Earth Materials***5 units, Aut (Brown, Liou)***GES 112. Mapping the Geologic Environment***4 units, Spr (Einaudi, Pollard)***GES 160. Statistical Methods for Earth and Environmental Sciences: General Introduction***3-4 units, Aut (Switzer)***GES 186/286. Geoarchaeology***5 units, Spr (Mahood)***GES 195/295. Integrating Remote Sensing and Geographic Information Systems (GIS)***1-5 units, Aut (Lyon)***GES 196/296. Introduction to Geographic Information Systems (GIS): Using ARC-View—(Same as GEOPHYS 196/296.)***2 units, Spr (Klemperer)*

## GEOPHYSICS

**GEOPHYS 50Q. Earthquakes and Archaeology in the Eastern Mediterranean***5 units (Nur) alternate years, given 2003-04*

## PSYCHOLOGY

**PSYCH 10. Introduction to Statistical Methods: Precalculus***5 units, Aut (Walther), Win (Thomas), Spr (Switzer)*

## STATISTICS

**STATS 60/160. Introduction to Statistical Methods: Precalculus***5 units, Aut (Walther), Win (Thomas), Spr (Switzer)*

This file has been excerpted from the *Stanford Bulletin*, 2002-03, pages 245-249. Every effort has been made to insure accuracy; late changes (after print publication of the bulletin) may have been made here. Contact the editor of the *Stanford Bulletin* via email at [arod@stanford.edu](mailto:arod@stanford.edu) with changes, corrections, updates, etc.