151. Topics in Virtuality (4) Workshop—3 hours; practice—3 hours. Prerequisites: courses 121 and 122 or consent of instructor. Culminating class will focus on performance and improvisation, culminating in a final public performance. Students will be expected to do extensive reading and rehearsal outside of class time.—III (III) Ostertag

130. Fundamentals of 3D Computer Graphics (4) Lecture—3 hours; laboratory—3 hours. A foundation course that teaches students the theory of three dimensional computer graphics, including modeling, rendering and animation. Development of practical skills through the use of professional software to create computer graphics.—I (I) Neff

150. Introduction to Theories of the Technoculture (4) Lecture/discussion—3 hours; extensive writing. Major cultural theories of technology with emphasis on media, communications, and the arts. Changing relationships between technologies, humans, and culture. Focus on the evolution of modern technologies and their reception within popular and applied contexts. GE credit: ArtHum [VL] —Dyson

151. Topics in Virtuality (4) Lecture/discussion—3 hours; term paper. Prerequisite: course 7A or the equivalent. Workshops in advanced technocultural digital skills: (A) Digital Imaging; (B) Digital Video; (C) Digital Sound; (D) Web Design; (E) Topics in Digital Production. GE credit: VL

175. Small Scale Film Production (4) Lecture—3 hours; laboratory—3 hours. Prerequisite: consent of instructor. Lecture and intensive workshop teaching small-scale film production. Appointments as a(n) director, actor of photography, actor, writer, lighting designer, sound designer and other critical positions are used to produce and submit a short film to a film festival. (Same course as Dramatic Art 175.) May be repeated two times for credit.—III (III) Anderson, Drew

190. Research Methods in Technocultural Studies (4) Lecture/discussion—3 hours; project. Introduction to basic research methods for Technocultural Studies: electronic and archived images, sounds and data, satellite downlinking, radiowave scanning, and oral histories. GE credit: VL; WE —Drew

191. Writing Across Media (4) Lecture/discussion—3 hours; extensive writing. Introduction to experimental approaches to writing for different media and artistic practices. How written texts relate to the images, sounds, and performances in digital and media production. GE credit: WE —Jones

192. Internship (1-4) Internship—3-12 hours. Supervised internship on or off campus in area relevant to Technocultural Studies. May be repeated two times for credit. (P/NP grading only.)

197. Tutoring in Technocultural Studies (1-5) Tutorial—3-15 hours. Prerequisite: consent of instructor. Undergraduates assist the instructor by tutoring students in one of the department’s regularly scheduled courses. May be repeated for credit up to eight units. (P/NP grading only.)

198. Directed Group Study (1-5) Prerequisite: consent of instructor.

199. Special Study for Advanced Undergraduates (1-5.5) Prerequisite: consent of instructor. Guided study with faculty member in independent scholarly activity. May be repeated for credit up to eight units. (P/NP grading only.)

Quarter Offered: I-Fall, II-Winter, III-Spring, IV-Summer; 2015-2016 offering in parentheses
Pre-Fall 2011 General Education (GE): ArtHum—Arts and Humanities; SciEng—Science and Engineering; SocSci-Social Sciences; Div-Domestic Diversity; Writ-Writing Experience
Fall 2011 and on Revised General Education (GE): AH—Arts and Humanities; SE—Science and Engineering; SS—Social Sciences;

ACGH—American Cultures, DD—Domestic Diversity, OL—Oral Skills, QA—Quantitative, SL—Scientific, VL—Visual, WC—World Cultures; Writ—Writing Experience

Classics
(1) College of Letters and Science
Rex Stem, Ph.D., Program Director
Department Office. Classics Program 215 Sproul Hall 530752-0835; http://classics.ucdavis.edu

Faculty
Don Abbott, Ph.D., Professor (English) Emily Albu, Ph.D., Professor Noha Radwan, Ph.D., Associate Professor (Comparative Literature) Lynn E. Roller, Ph.D., Professor (Art History) Carey Seal, Ph.D., Assistant Professor Jocelyn Sharlet, Ph.D., Associate Professor (Comparative Literature) Rex Stem, Ph.D., Associate Professor Emeriti
Seth L. Schein, Ph.D., Professor Emeritus

David A. Traill, Ph.D., Professor Emeritus
Wesley E. Thompson, Ph.D., Professor Emeritus

Affiliated Faculty
Tim Brelinski, Ph.D., Lecturer Poonam Chauhan, M.A. Lecturer Galia Franco, M.A. Lecturer Sharmila Hassouna, M.A. Lecturer
Valentina Papescu, Ph.D., Lecturer

The Major Program
Classical Civilization is an interdisciplinary major that examines the ancient Mediterranean cultures of Greece, Rome and the Near East, with courses offered on the languages, history, literature, religions, myths, art and archaeology of these societies, their achievements in rhetoric and philosophy, and their political and social institutions. Minor programs in Classical Civilization, Greek, and Latin, and many General Education courses are also offered.

The Program. The major has two tracks: (1) Classical and Mediterranean Civilizations, and (2) Classical Languages and Literatures. The core of both major tracks consists of two years of Latin, Greek or Hebrew, the introductory sequence on the ancient Mediterranean world (Classics 1, 2, 3), the advanced seminar (Classics 190), and a number of electives. The Classical and Mediterranean Civilization track allows students to choose their electives from a broadly balanced program in history, art and archaeology, literature, philosophy and rhetoric. The Classical Languages and Literatures track focuses more intensively on language and literature, requiring the study of two languages and allowing fewer electives. Students planning to go on to graduate work in Classics should take Track 2 and study as much Latin and Greek as possible. They should make a point of talking to an advisor early in their undergraduate program. They are also advised to acquire a reading knowledge of French or German.

Career Opportunities. A degree in Classical Civilization represents a solid liberal arts education that provides an excellent foundation for a wide variety of careers. In the last twenty-five years, many majors have applied to law or medical schools and nearly all have been accepted. Additional career options include library and museum work, teaching, journalism, and graduate study in Classics, art, archaeology, history, literature, philosophy, and religion.

Classical Civilization
A. B. Major Requirements:

UNITS
Classical and Mediterranean Civilizations track
Pre-Fall 2011 General Education (GE): ArtHum—Arts and Humanities; SciEng—Science and Engineering; SocSci—Social Sciences; Div—Domestic Diversity; Writ—Writing Experience
Fall 2011 and on Revised General Education (GE): AH—Arts and Humanities; SE—Science and Engineering; SS—Social Sciences; ACGH—American Cultures, DD—Domestic Diversity, OL—Oral Skills, QA—Quantitative, SL—Scientific, VU—Visual, WC—World Cultures; Writ—Writing Experience

Latin 1-2-3, or Greek 1-2-3, or Hebrew 1-2-3
Honors Program. Candidates for high or highest honors in Classical Civilization must write a senior honors thesis using the direction of a faculty member in Classics. Potential candidates for the honors program must enroll in Classics 194HA and 194HB, normally during the first two quarters of the senior year. Enrollment is limited to upper division students with a minimum of 135 units and a 3.500 grade point average in courses in the Classical Civilization major. For further information, students should consult with the major advisor or program director. The requirements for the honors program are in addition to the regular requirements for the major in Classical Civilization.

Graduate Study. The Department offers a master's degree in Classics with emphasis on either Greek or Latin, however, admission into the graduate program has been suspended.

Prerequisite credit. Credit will not normally be given for a lower division course in Latin or Greek if it is the prerequisite already successfully completed. Exceptions may be made by the Program Director only.

Courses in Arabic, Classics, Greek, Hebrew, Hindi-Urdu, and Latin follow in alphabetical order.

Courses in Arabic (ARB)

Lower Division

1. Elementary Arabic 1 (5)
Lecture/discussion—5 hours. Introduction to basic Arabic. Interactive and integrated presentation of listening, speaking, reading, and writing skills, including the alphabet and basic syntax. Focus on standard Arabic, limited use of spoken Egyptian and/or one other colloquial dialect. GE credit: Arthum | AH.—Hassouna

2. Elementary Arabic 2 (5)
Lecture/discussion—5 hours. Prerequisite: course 1 or with instructor's consent. Introduction to basic Arabic from course 1. Interactive and integrated presentation of listening, speaking, reading, and writing skills, including syntax. Focus on standard Arabic and limited use of spoken Egyptian and/or one other colloquial dialect. GE credit: Arthum | AH.—II. (III.) Hassouna

3. Elementary Arabic 3 (5)
Lecture/discussion—5 hours. Prerequisite: course 1 and 2 or with consent of instructor after taking all components of the course final exam. Continues introduction to basic Arabic from courses 1 and 2. Interactive and integrated presentation of listening, speaking, reading, and writing skills, including syntax. Focus on standard Arabic with limited use of spoken Egyptian and/or one other colloquial dialect. GE credit: Arthum | AH.—III. (IV.) Hassouna

Intermediate Arabic 21 (5)
Lecture/discussion—5 hours. Prerequisite: course 1, 2, 3, or with consent of instructor after taking all parts of course 3 final exam. Builds on courses 1, 2, and 3. Interactive and integrated presentation of listening, speaking, reading, and writing skills, including idiomatic expression. Focus on standard Arabic with limited use of Egyptian and/or one other colloquial dialect. GE credit: Arthum | AH.—I. (II) Hassouna

Intermediate Arabic 22 (5)
Lecture/discussion—5 hours. Prerequisite: course 21 or with consent of instructor after taking all parts of course final exam. Continues from course 21. Interactive and integrated presentation of listening, speaking, reading, and writing skills, including idiomatic expression. Focus on standard Arabic with limited use of Egyptian and/or one other colloquial dialect. GE credit: Arthum | AH.—II. (III.) Hassouna

23. Intermediate Arabic 23 (5)
Lecture/discussion—5 hours. Prerequisite: course 22 or with consent of instructor after completing all parts of the final exams for courses 21 and 22. Continues from courses 21 and 22. Interactive and integrated presentation of listening, speaking, reading, and writing skills, including idiomatic expression. Focus on standard Arabic with limited use of Egyptian and/or one other colloquial dialect. GE credit: Arthum | AH.—III. (IV.) Hassouna

Upper Division

121. Advanced Arabic (4)
Lecture/discussion—3 hours. Prerequisite: course 23 or permission of instructor. Review, refinement, and development of skills learned in intermediate Arabic through work with texts, video, and audio on cultural and social issues. Integrated approach to reading, writing, listening, speaking primarily standard Arabic, with limited use of one colloquial dialect. May be repeated two times for credit based on different readings. GE credit: Arthum | AH, WC—I. (II.) Sharlet

122. Advanced Arabic (4)
Lecture/discussion—3 hours. Prerequisite: course 21 or permission of instructor. Continuation of course 121. Further development of advanced skills in reading, listening, writing, and speaking standard Arabic through work with texts, video, and audio on cultural and social issues. Limited use of one colloquial dialect. GE credit: Arthum | AH, WC—II. (III.) Radwan

123. Advanced Arabic (4)
Lecture/discussion—3 hours. Prerequisite: course 22 or permission of instructor. Continuation of course 122. Further development of advanced skills in reading, listening, writing, and speaking standard Arabic, extensive work with advanced materials, video and audio on cultural and social issues. Limited use of one colloquial dialect. GE credit: Arthum | AH, WC—III. (IV.) Radwan

140. A Story for a Life: The Arabic Nights (4)
Lecture/discussion—3 hours. Term paper. In-depth investigation of the best-known work of pre-modern Arabic literature, taught in translation. Not open for credit to students who have taken Middle East/South Asia Studies 121A. [Same course as Middle East/ South Asia Studies 121A.] Offered in alternate years. GE credit: Arthum | AH, OH, WC—WE.—I. (II.) Sharlet

198. Directed Group Study (1-5)
Prerequisite: consent of instructor. Development of reading, writing, speaking, and listening skills in advanced Arabic. Materials may include al-K risk, Part Two or Three, news articles and broadcasts, short stories, poetry, novels, essays, scripture, prophetic traditions, audio recordings, and television and film. May be repeated four times for credit if content differs. (P/NP grading only)—I, II, III, (IV, V) Sharlet

Graduate

299. Individual Study (1-12)
Prerequisite: graduate standing. Restricted to Gradu- ate students. May be repeated for credit. (S/U grading only)—I, II, III, (IV, V, VI, VII, VIII)

Professional

396. Teaching Assistant Training Practicum (1-4)
Prerequisite: graduate standing. Restricted to Gradu- ate students. May be repeated 18 times for credit. (S/U grading only)—I, II, III, (IV, V, VI, VII, VIII)
Courses in Classics (CLA)

Lower Division

Lecture—3 hours; term paper. Introduction to the literature, art, and social and political institutions of ancient Mesopotamia, Egypt, Palestine, and early Greece from 3000 to 500 B.C.E. GE credit: ArtHum, Wrt | AH, WC, WE. —(II.) Popescu

2. Ancient Greece and the Near East: 500 to 146 B.C.E. (4)
Lecture—3 hours; term paper. Introduction to the literature, art and thought and the political and social institutions and values of Greece and its eastern Mediterranean neighbors—the Persians, Egyptians, and Jews. GE credit: ArtHum, Wrt | AH, WC, WE. — II. (I) Stem

3. Rome and the Mediterranean: 800 B.C.E. to 500 C.E. (4)
Lecture—3 hours; discussion—1 hour. Introduction to the history, literature, material culture, political and social institutions and values of Roman Civilization, with an emphasis on the development of the Roman Empire and the interactions with other cultures of the Mediterranean. GE credit: ArtHum | AH, WC, WE. — II. (III) Stem

4. Greek, Roman, and Near Eastern Mythology (3)
Lecture—3 hours. Examination of major myths of Greece, Rome, and Near East. GE credit: ArtHum, Wrt | AH, WC, WE. — III. Albu, Popescu, Rundin

5. Women in Classical Antiquity (4)

6. Women in Classical Antiquity (4)
Lecture—3 hours; term paper. Lives and roles of women and men in ancient Greece and Rome. Readings from history, philosophy, medical and legal documents, literature and myth. Offered irregularly. GE credit: ArtHum | AH, VL, WC, WE. — Seal

7. Pompeii AD 79 (4)
Lecture—3 hours; term paper. Roman life in an urban community at the time of the eruption of Vesuvius. Slide presentations of the archeological evidence will be supplemented by selected readings from Petronius’ Satyricon and other ancient authors. Offered irregularly. GE credit: ArtHum, Wrt | AH, VL, WC, WE.

8. The Classical Heritage in America (4)
Lecture/discussion—3 hours; term paper. Classical heritage of the United States from its colonial past to the present day. The reception of Greco-Roman thought and values as expressed in art, architecture, education, law, government, literature, and film. Offered irregularly. GE credit: ArtHum, Wrt | JACGH, AH, WE. — Albu

9. Greek and Latin Elements in English Vocabulary (3)
Lecture—3 hours. Knowledge of Latin and Greek not required. Elements of Greek and Latin vocabulary for increased understanding of English word formation and improved ability to understand and retain unfamiliar words. Emphasis on Greek and Latin elements but other languages not neglected. Not open for credit to students who have completed course 30F. GE credit: ArtHum | AH. — II, III, IV, (I, II, III, IV) Albu, Popescu, Rundin

10. Greek and Latin Elements in Technical Vocabulary (3)
Lecture—3 hours. Knowledge of Greek and Latin not required. Elements of Greek and Latin vocabulary to increase understanding of English word formation in medical, scientific and technical terminology and improve ability to understand and retain unfamiliar terms. GE credit: ArtHum | AH.

11. The Rise of Science in Ancient Greece (4)
Lecture/discussion—3 hours; term paper. Prerequisite: Mathematics 16A or the equivalent. Study of the emergence of scientific rationality in ancient Greece and its political and social context; concentration on four areas: mathematics, medicine, cosiology, and psychology. Reading from the Presocratics, Hippocrates, Plato, Aristotle, and Hellenistic philosophers. GE credit: ArtHum, Wrt | AH, WC, WE. — 98. Directed Group Study (1-5)
Prerequisite: consent of instructor. (P/NP grading only)

Upper Division

101A. Readings in Arabic: 600-1850 (4)
Discussion—3 hours; extensive writing. Prerequisite: course 123 or the equivalent; students who have not completed course 123 should consult the instructor in advance of registration. GE credit: ArtHum, Wrt | AH, WC, WE.

101B. Topics in Greek Civilization (4)
Lecture/discussion—3 hours; term paper. Prerequisite: one course in Classics, Latin, or Greek as a prerequisite. Offered irregularly. GE credit: ArtHum or SocSci, Div, Wrt | AH or SS, OL, WC, WE. — Hassenou, Radwan, Sharlet

101C. Topics in Roman Civilization (4)
Lecture/discussion—3 hours; term paper. Prerequisite: one course in Classics, Latin or Greek as a prerequisite. Topics may be ordered by time or place (e.g., the world of Homer) or by theme or genre (e.g., the Greek art of war). May be repeated two times for credit when topic differs. Offered irregularly. GE credit: ArtHum | AH, WC, WE. — Albu

101D. Topics in Classical Receptions (4)
Lecture/discussion—3 hours; term paper. Prerequisite: one course in Classics or consent of instructor. Topics in classical reception from late antiquity to the present. Topics may be ordered by time or place (e.g., the classical tradition in Washington, D.C.) or by theme or genre (e.g., the cinematic representations of the ancient world). May be repeated two times for credit when topic differs. Offered irregularly. GE credit: ArtHum | AH, WC, WE. — Albu

102. Film and the Classical World (4)
Lecture—3 hours; film viewing—2.5 hours. Prerequisite: any Classics course except 30 or 31. The Classical World as portrayed in films. Viewings and discussions of major versions of ancient dramas, modern dramas set in the Ancient Mediterranean world, and films imbued with classical themes and allusions. Supplementary readings in ancient literature and mythology. GE credit: ArtHum, Wrt | AH, WE. — (II) Albu

110. Origins of Rhetoric (4)
Lecture—3 hours; term paper. Prerequisite: one course in ancient history or consent of instructor. Issues in the development of rhetoric from its origins in ancient Greece to A.D. 430. Special attention to works of Plato, Aristotle, Cicero, and Quintilian. Role of grammar and rhetoric in schools of Roman Empire. The Christian rhetoric of Saint Augustine. Not open for credit to students who have completed Rhetoric and Communication 110. GE credit: ArtHum, Wrt | AH, WC, WE. — III. Albu

120. Greek and Roman Historiography (4)
Lecture/discussion—3 hours; term paper. Survey of Greek and Roman historical writing in English translation. Authors to be read may include Herodotus, Thucydides, Sallustius, and Tacitus. Focus on the development of historical writing as a literary genre. GE credit: ArtHum | AH, WC, WE. Offered in alternate years. — Seal

125. Roman Political Thought (4)
Lecture—3 hours; term paper. Survey of Roman thinking about politics, as expressed both in formal theorizing and in a variety of contexts, including oratory, historiography, and epic. Study of Roman political reflection in its historical, cultural, and literary context. GE credit: ArtHum | AH, WC, WE. Offered in alternate years. — Seel

140. Homer and Ancient Epic (4)
Lecture/discussion—3 hours; term paper. Prerequisite: course 10 or Comparative Literature 1. Reading of the classical epics of Homer (Iliad, Odyssey) and Virgil (Aeneid) in English. Discussion of techniques of composition, the beliefs and values of their respective societies, and the generic tradition of ancient epic. Offered in alternate years. GE credit: ArtHum, Wrt | AH, WC, WE. — Popescu

141. Greek and Roman Comedy (4)
Lecture—3 hours; conference—1 hour. Readings in Aristophanes, Menander, Plautus, and Terence; lectures on the development of ancient comedy. Offered in alternate years. GE credit: ArtHum, Wrt | AH, WE. — Popescu

142. Greek and Roman Novel (4)
Lecture—3 hours; term paper. Examination of the ancient Greek romances and their development into the grotesque realism of Petronius’ Satyricon, and the religious mysticism of Apuleius’ The Golden Ass. GE credit: ArtHum, Wrt | AH, WC, WE. — Schein

143. Greek Tragedy (4)
Lecture/discussion—3 hours; term paper. Prerequisite: course 10. Reading of selected plays of Aeschylus, Sophocles, and Euripides. Discussion of the development and influence of Athenian tragedy. Offered in alternate years. GE credit: ArtHum, Wrt | AH, WE. — Seal

150. Socrates and Classical Athens (4)
Lecture/discussion—3 hours; term paper. Study of the major sources of our knowledge of Socrates, assessment of his role in the politics and culture of ancient Athens, his methods of thought, and his place in Western thought. Offered in alternate years. GE credit: ArtHum | AH, WC, WE. — Seal

171. Mediterranean Bronze Age Archaeology (4)
Lecture—3 hours; extensive writing. Prerequisite: one of courses 12, 10, 15, Art History 1A, or Anthropology 3 recommended. Archaeological monuments of the ancient Near East, including Egypt and Mesopotamia, and of Greece and Crete during the Bronze Age. Special emphasis on the problems of state formation and on the co-existence and collapse of Bronze Age societies. Offered in alternate years. GE credit: ArtHum, Div, Wrt | AH, WC, WE. — Roll

172A. Early Greek Art and Architecture (4)
Lecture—3 hours; term paper. Examination of the origin and development of the major monuments of Greek art and architecture from the eighth century to the mid-fifth century B.C. Not open for credit to students who have completed Art History 154A. (Same course as Art History 152A.) Offered in alternate years. GE credit: ArtHum, Wrt | AH, VL, WC, WE. — Roller

172B. Later Greek Art and Architecture (4)
Lecture—3 hours; term paper. Study of the art and architecture of later Classical and Hellenistic Greece, from the mid-fifth century to the first century B.C. Not open for credit to students who have completed Art History 154B. (Same course as Art History 152B.) Offered in alternate years. GE credit: ArtHum, Wrt | AH, VL, WC, WE. — —(II) Roller

173. Roman Art and Architecture (4)
Lecture—3 hours; term paper. Art and architecture of Rome and the Roman Empire, from the founding of Rome through the fourth century C.E. (Same course as Art History 152.) Offered in alternate years. GE credit: ArtHum, Wrt | AH, VL, WC, WE. — —(II) Roller

174. Greek Religion and Society (4)
Lecture—3 hours; term paper. Prerequisite: a lower division Classics course, except Classics 3, 20, 30, or 31. Cults, festivals, and rituals of Greek religious practice and their relationship to Greek social and cultural developments. GE credit: ArtHum, Wrt | AH, WE. — Roll
political institutions, and to Greek private life. Includes discussion of major sanctuaries at Olympia, Delphi, Athens, and others. Offered in alternate years. GE credit: ArtHum, Wrt | AH, WC, WE.—Rundin

175. Architecture and Urbanism in Mediterranean Antiquity (4)
Lecture—3 hours; extensive writing. Prerequisite: a lower division course except 30, 31; Art History 1A recommended. Architecture and urban development in the ancient Near East, Greece, and Rome. Special emphasis on the social structure of the ancient city as expressed in its architecture, and on the interaction between local traditions and the impact of Greek-Roman urbanism. (Same course as Art History 175.) Offered in alternate years. GE credit: ArtHum, Div, Wrt | AH, VL, WC, WE.—[II.] Roller

190. Senior Seminar (4)
Seminar—3 hours; term paper. Prerequisite: completion of one upper division course in Latin, Greek or Hebrew or consent of instructor. Advanced interdisciplinary study of a problem in the ancient Mediterranean world using the techniques of history, archaeology, art history and philology. May be repeated for credit with consent of instructor. GE credit: ArtHum, Wrt | AH, WE.—I.

194HA-194HB. Special Study for Honors Students (3-5)
Discussion—1 hour, independent study; term paper. Prerequisite: admission to the honors program and consent of faculty member supervising honors thesis. Directed reading, research and writing culminating in the completion of a senior honors thesis under the direction of a faculty advisor. (Deferred grading only; pending completion of sequence. P/NP grading only.) GE credit: AH.—I, II, III.

197C. Community Tutoring in Classical Languages (1-5)
Tutoring—1-5 hours. Prerequisite: consent of instructor. Supervised instruction of Greek or Latin in nearby schools by qualified students in department. May be repeated for credit up to 5 units. (P/NP grading only)

198. Directed Group Study (1-5)
Prerequisite: upper division standing. (P/NP grading only)

199. Special Study for Advanced Undergraduates (1-5)
Prerequisite: upper division standing and consent of instructor. (P/NP grading only)

Graduate

200A. Approaches to the Classical Past (4)
Seminar—3 hours, term paper. Survey of major areas of classical scholarship, with special emphasis on the continuing impact of Mediterranean antiquity on later literature, history, art, and culture. Offered in alternate years. GE credit: ArtHum, Wrt | AH, WC, WE.—[II.] Albu

200B. Approaches to the Classical Past (4)
Independent study—4 hours. Prerequisite: course 200A; graduate student status. Research project on major area of Classical scholarship, with special emphasis on the continuing impact of Mediterranean antiquity on later literature, history, art, and culture. Limited enrollment. Offered in alternate years. —[III.] Albu

201. Introduction to Classical Philology (4)
Seminar—3 hours, term paper. Survey of major contemporary areas of classical scholarship with special attention devoted to current problems in literary and textual criticism.

202. Homer (4)
Seminar—3 hours; term paper. Readings in the Iliad and Odyssey: the origins and transmission of the poems.

203. Vergil (4)
Seminar—3 hours; term paper. Reading of selected books of the Eclogues, Georgics, and Aeneid. Emphasis will be placed on the study of Vergilian poetic language.—Troill

204. Greek and Roman Comedy (4)
Seminar—3 hours; term paper. Historical and critical problems in Aristophanes or New Comedy. May be repeated for credit.

205. Latin Lyric and Elegy (4)
Seminar—3 hours; term paper. Critical examination of the works of Catullus, Horace, or Propertius. May be taken independently.—Traill

206. Greek Historiography (4)
Seminar—3 hours; term paper. Development of historical writing in Greece. May be repeated for credit.

207. Greek Drama (4)
Seminar—3 hours; term paper. Literary and philosophical analysis of Euripides, Sophocles, or Aeschylus. May be repeated for credit.

299. Research (1-12)
Prerequisite: consent of instructor. (S/U grading only)

Professional

396. Teaching Assistant Training Practicum (1-4)
Prerequisite: graduate standing. May be repeated for credit. (S/U grading only)—I, II, III, (I, II, III.)

Courses in Greek (GRK)

Lower Division

1. Elementary Greek (5)
Lecture—5 hours. Introduction to the basic grammar and vocabulary of Classical and New Testament Greek. Development of translation skills with emphasis on Greek-English. (Students who have successfully completed Greek 2 or 3 in the 10th or higher grade in high school may receive unit credit for this course on a P/NP grading basis only. Although a passing grade will be charged to the student's P/NP option, no petition is required. All other students will receive a letter grade unless a P/NP petition is filed.) GE credit: ArtHum | AH.—I. (I.) Popescu

2. Elementary Greek (5)
Lecture—5 hours. Prerequisite: course 1. Continuation of course 1. GE credit: ArtHum | AH.—II. (II.) Popescu

2NT. Elementary New Testament Greek (1)
Lecture—1 hour. Prerequisite: course 2 (concurrently). Supplementary study of New Testament Greek. GE credit: ArtHum | AH.—II. (II.) Popescu

3. Intermediate Greek (5)
Lecture—5 hours. Lecture—3 hours; course 2. Continuation of course 2. Selected readings from Greek authors. GE credit: ArtHum | AH.—III. (III.) Popescu

3NT. Elementary New Testament Greek (1)
Lecture—1 hour. Prerequisite: course 3 (concurrently). Supplementary study of New Testament Greek. GE credit: ArtHum | AH.—III. (III.) Popescu

98. Directed Group Study (1-5)
Prerequisite: consent of instructor. (P/NP grading only)

Upper Division

100. Readings in Greek Prose (5)
Lecture/discussion—4 hours; term paper. Prerequisite: course 3. GE credit: ArtHum, Wrt | AH, WE.—II. (II.) Seal

101. Plato (4)
Lecture—3 hours; term paper. Prerequisite: course 3. GE credit: ArtHum, Wrt | AH, WE.—II. (II.) Seal

102. Euripides (4)
Lecture—3 hours; term paper. Prerequisite: course 101. GE credit: ArtHum, Wrt | AH, WE.—III. Popescu

103A. Homer: Iliad (4)
Recitation—3 hours; term paper. Prerequisite: course 3. GE credit: ArtHum, Wrt | AH, WE.—II. (II.) Schein

103B. Homer: Odyssey (4)
Recitation—3 hours; term paper. Prerequisite: course 3. GE credit: ArtHum, Wrt | AH, WE.—II. (II.) Schein

104. Menander (4)
Lecture—3 hours; term paper. Prerequisite: course 3. GE credit: ArtHum, Wrt | AH, WE.

105. Attic Orators (4)
Lecture—3 hours; term paper. Prerequisite: course 100 or equivalent. Selected readings from the orators of 4th and 5th century Athens. May be repeated for credit if topic differs and with consent of instructor. Offered irregularly. GE credit: ArtHum | AH, WE.

110. Readings in the Greek Novel (4)
Lecture—3 hours; term paper. Prerequisite: course 100N. Selected readings from Greek prose fiction of the late classical, Hellenistic and imperial periods. Offered in alternate years. May be repeated two times for credit with consent of instructor. GE credit: Wrt.—III.

111. Sophocles (4)
Lecture—3 hours; term paper. Prerequisite: course 103. GE credit: ArtHum, Wrt | AH, WE.—[III.] Schein

112. Aristophanes (4)
Lecture—3 hours; term paper. Prerequisite: course 103. GE credit: ArtHum, Wrt | AH, WE.

113. Thucydides (4)
Lecture—3 hours; term paper. Prerequisite: course 103. Offered in alternate years. GE credit: ArtHum, Wrt | AH, WE.—Popescu

114. Lyric Poetry (4)
Lecture—3 hours; term paper. Prerequisite: course 103. Offered in alternate years. GE credit: ArtHum, Wrt | AH, WE.—Popescu

115. Aeschylus (4)
Lecture—3 hours; term paper. Prerequisite: course 103. Offered in alternate years. GE credit: ArtHum, Wrt | AH, WE.—Schein

116. Herodotus (4)
Lecture—3 hours; term paper. Prerequisite: course 103. Offered in alternate years. GE credit: ArtHum, Wrt | AH, WE.—Schein

121. Greek Prose Composition (4)
Lecture/discussion—3 hours; term paper. Prerequisite: course 100 or equivalent. Intensive grammar and vocabulary review through exercises in Greek prose composition. Offered in alternate years. GE credit: ArtHum | AH.

130. Readings in Later Greek (4)
Lecture/discussion—3 hours; term paper. Prerequisite: course 100 or equivalent. Translation and discussion of selected readings from Hellenistic to Byzantine Greek literature. Offered in alternate years. GE credit: ArtHum | AH, WE.

198. Directed Group Study (1-5)
(P/NP grading only)

199. Special Study for Advanced Undergraduates (1-5)
(P/NP grading only)

Courses in Hebrew (HEB)

Lower Division

1. Elementary Hebrew (5)
Lecture/discussion—4 hours; laboratory—1 hour. Speaking, listening, comprehension, reading and writing fundamentals of modern Hebrew. (Students who have successfully completed, with a C- or better, Hebrew 2 or 3 in the 10th or higher grade in high school may receive unit credit for this course on a P/NP grading basis only. Although a passing grade will be charged to the student’s P/NP option, no petition is required. All other students will receive a letter grade unless a P/NP petition is filed.) GE credit: ArtHum | AH.

1A. Accelerated Intensive Elementary Hebrew (5)
Lecture/discussion—15 hours. Special 12 week accelerated, intensive summer session course that combines the work of courses 1, 2, and 3. Introduc- tion to Hebrew grammar and development of lan- guage skills in a cultural context with emphasis on...
communication. Not open to students who have completed course 1, 2, or 3. GE credit: ArtHum | AH, Wrt | AC, VE, Wt.—(I.) Chauhan

2. Elementary Hebrew (5) Lecture/discussion—4 hours; laboratory—1 hour. Prerequisite: course 1 or the equivalent. Speaking, listening, comprehension, reading and writing fundamentals of modern Hebrew. GE credit: ArtHum | AH. II. III. Franco

3. Elementary Hebrew (5) Lecture/discussion—4 hours; laboratory—1 hour. Prerequisite: course 2 or the equivalent. Speaking, listening, comprehension, reading and writing fundamentals of modern Hebrew. GE credit: ArtHum | AH. II. III. Franco

21. Intermediate Modern Hebrew I (5) Lecture/discussion—5 hours. Prerequisite: course 3 or consent of instructor. Development and refinement of grammar, composition, and language skills required for reading literary texts and conversing about contemporary topics at an advanced level. History of the Hebrew language. Not open to students who have taken course 100 or 100B. GE credit: ArtHum | AH. II. III. Franco

22. Intermediate Modern Hebrew II (5) Lecture/discussion—5 hours. Prerequisite: course 21 or consent of instructor. Continued development and refinement of grammar, composition, and language skills required for reading literary texts and conversing about contemporary topics at an advanced level. History of the Hebrew language. GE credit: ArtHum | AH. II. III. Franco

23. Intermediate Modern Hebrew III (5) Lecture/discussion—5 hours. Prerequisite: course 22 or consent of instructor. Continued development and refinement of grammar, composition, and language skills required for reading literary texts and conversing about contemporary topics at an advanced level. History of the Hebrew language. GE credit: ArtHum | AH. II. III. Franco

Upper Division

100AN. Advanced Modern Hebrew I (4) Lecture/discussion—3 hours; term paper. Prerequisite: course 23 or consent of instructor. Students who have taken course 100A as 2nd year Hebrew may take course 100AN. Third year Hebrew. Advanced grammar and composition. Focus on reading of literary texts, oral skills and accuracy in writing. GE credit: ArtHum | AH

100BN. Advanced Modern Hebrew II (4) Lecture/discussion—3 hours; term paper. Prerequisite: course 100AN or consent of instructor. Students who have taken course 100B as 2nd year Hebrew may take course 100BN. Third year Hebrew. Advanced grammar and composition. Focus on reading of literary texts, oral skills and accuracy in writing. GE credit: ArtHum | AH

100CN. Advanced Modern Hebrew III (4) Lecture/discussion—3 hours; term paper. Prerequisite: course 100BN. Students who have taken course 100C as 2nd year Hebrew may take course 100CN. Third year Hebrew. Advanced grammar and composition. Focus on reading of literary texts, oral skills and accuracy in writing. GE credit: ArtHum | AH

Courses in Hindi (HIN) Lower Division

1. Elementary Hindi/Urdu I (5) Lecture/discussion—5 hours. An introduction to Hindi and Urdu in which students will learn vocabulary and grammar in both Devanagari and Urdu scripts, and will practice skills in reading, writing, speaking and listening. GE credit: ArtHum | AH—II. I. Chauhan

2. Elementary Hindi/Urdu II (5) Lecture/discussion—5 hours. Prerequisite: course 1. An introduction to Hindi and Urdu in which students will learn vocabulary and grammar in both Devanagari and Urdu scripts, and will practice skills in reading, writing, speaking and listening. GE credit: ArtHum | AH—II. I. Chauhan

3. Elementary Hindi/Urdu III (5) Lecture/discussion—5 hours. Prerequisite: course 2. An introduction to Hindi and Urdu in which students will learn vocabulary and grammar in both Devanagari and Urdu scripts, and will practice skills in reading, writing, speaking and listening. GE credit: ArtHum | AH—II. I. Chauhan

4. Elementary Hindi/Urdu IV (5) Lecture/discussion—5 hours. Prerequisite: course 3. An introduction to Hindi and Urdu in which students will learn vocabulary and grammar in both Devanagari and Urdu scripts, and will practice skills in reading, writing, speaking and listening. GE credit: ArtHum | AH—II. I. Chauhan

104. Sallust (4) Lecture—3 hours; term paper. Prerequisite: course 3. Offered in alternate years. GE credit: ArtHum, Wrt | AH, WE—II. III. Stem

105. Catullus (4) Lecture—3 hours; term paper. Prerequisite: course 3. Offered in alternate years. GE credit: ArtHum, Wrt | AH, WE—II. III. Stem

110. Ovid (4) Lecture/discussion—3 hours; term paper. Prerequisite: course 100 or equivalent. Translation and discussion of selected readings from the works of Ovid. May be repeated one time for credit when topic differs and with consent of instructor. Offered in alternate years. GE credit: ArtHum, Wrt | AH, WC, WE—Albu

112. Cicero (4) Lecture—3 hours; term paper. Prerequisite: course 3. Offered in alternate years. GE credit: ArtHum, Wrt | AH, WE—II. III. Stem

115. Lucretius (4) Lecture—3 hours; term paper. Prerequisite: course 3. Offered in alternate years. GE credit: ArtHum, Wrt | AH, WE—II. III. Stem

116. Vergil: Eclogues and Georgics (4) Lecture—3 hours; term paper. Prerequisite: course 3. Offered in alternate years. GE credit: ArtHum, Wrt | AH, WE—II. III. Stem

117. Roman Historians (4) Lecture—3 hours; term paper. Prerequisite: course 100 or equivalent. Readings in Latin from one or more of the major Roman historians and biographers. Authors may include Sallust, Nepos, Livy, Tacitus, Suetonius, and Ammianus Marcellinus. Offered in alternate years. GE credit: ArtHum | AH, WC, WE—Albu

119. Readings in Republican Latin Literature (4) Lecture/discussion—3 hours; term paper. Prerequisite: course 100 or equivalent. Translation and discussion of selected readings from Republican Latin literature. May be repeated for credit when topic varies. Offered in alternate years. GE credit: ArtHum | AH, WC, WE—Albu

120. Readings in Imperial Latin Literature (4) Lecture/discussion—3 hours; term paper. Prerequisite: course 100 or equivalent. Readings in Imperial Latin literature. May be repeated two times for credit when topic differs. Offered in alternate years. GE credit: ArtHum | AH, WC, WE—Albu

121. Latin Prose Composition (4) Lecture—3 hours; term paper. Prerequisite: course 3 and two upper division courses in Latin. Selection of readings from the Vulgate and various medieval authors provide an introduction to the developments in the Latin language and literature from the fourth to the fifteenth centuries. Offered in alternate years. GE credit: ArtHum, Wrt | AH, WE—II. III. Albu
Clinical Nutrition

(College of Agricultural and Environmental Sciences)

Faculty. See the Department of Nutrition, on page 454.

The Major Program

The Clinical Nutrition major provides students with training in normal and therapeutic nutrition, biological and social sciences, food science, communication, business management, and food service management. This major fulfills the academic requirements for admission into a dietetics internship or the equivalent, which must be completed before qualifying for registration as a dietitian.

The Program. The Clinical Nutrition major (formerly Dietetics) includes the same basic core of nutrition classes as the Nutrition Science major, but includes additional courses such as food service management, education, sociology, and communication. This course of study is designed to prepare for work with the public. Clinical Nutrition students spend the first two years completing preparatory course work in the basic biological sciences, along with several of the social sciences. In the final two years, students take courses in normal and clinical nutrition, food science, biochemistry, and management techniques.

Entering freshman or transfer students are assumed to have basic computer skills and to demonstrate mathematics competency adequate to pass the Math Placement Exam with a minimum score of 25.

Career Alternatives. The Clinical Nutrition major qualifies students to apply for a dietetic internship accredited by the Accreditation Council for Education in Nutrition and Dietetics enabling them to become a Registered Dietitian, the professional credential necessary to work in a clinical setting. Once registered, they generally seek employment in administrative, therapeutic, teaching, research, or public health/public service positions in clinics, hospitals, schools, or other similar institutions. There is a growing role for dietitians working in settings outside of the traditional hospital (for example, in state and federal nutrition programs, nutrition education, Peace Corps and Cooperative Extension work). Students who complete the undergraduate preparation in clinical nutrition are also qualified to enter graduate programs in dietetics, nutrition science, public health nutrition, and food service management.

B.S. Major Requirements:

UNITS

Written/oral expression.................8

Psychological, Sociological, and Behavioral Sciences 1.............4

Preparatory Subject Matter..............47-48

Biological Sciences 2A & 2B .............10
Chemistry 2A, 2B, 2C, 8A, 8B ............21
Economics 1 or 1B .........................4
Psychology 1 .................................4
Sociology 1 or 3 or Anthropology 2 .......4-5
Statistics 13 .................................4

Depth Subject Matter.................81

Agricultural and Resource Economics 112 .................................4

Animal Biology 102 and 103 .............10
Biological Sciences 101 ....................4
Food Science and Technology 100, 100B, 101A, 101B ...............12
Food Service Management 120, 120L, 122 .............................9
Microbiology 101 ............................9
Nutrition 111AV, 111B, 112, 116A, 116AL, 116BL, 118, and 190 ...25
Neurobiology, Physiology, and Behavior 101, 101L .................8
Additional upper division Nutrition electives ..................4

Total Units for the Major .........136

Clinical Nutrition and Metabolism

See Internal Medicine (IMD), on page 406.

Clinical Psychology

See Medicine, School of, on page 396.

Clinical Research (A Graduate Group)

David M. Rocke, Ph.D., Chairperson of the Group

Group Office. CTSC, 2921 Stockton Blvd., Sacramento, CA 95817 916-703-9124

Faculty

Timothy Albertson, M.D., Ph.D. (Psychiatry and Behavioral Sciences)
Sarah Barlow, Ph.D. (Neurology), M.D. (Neurology)
David Baur, M.D. (Pediatrics)
Laurel Beckett, Ph.D. (Public Health Sciences, Pediatrics)
Joy Melnikow, M.D., M.P.H. (Health Services Research, Health Services Research)
Nancy Lane, M.D. (Family and Community Medicine)
Nancy Loo, M.D. (Health Services Research, Health Services Research)
Timothy Albertson, M.D., Ph.D. (Psychiatry and Behavioral Sciences)
Alice C. Tarantal, Ph.D. (Biomedical Engineering)
Sally Ozonoff, Ph.D. (Psychiatry and Behavioral Sciences)
David Pleasure, M.D. (Neurology)
Richard Pannell, M.D. (Internal Medicine: Infectious and Immunologic Diseases)
David M. Rocke, Ph.D. (Public Health Sciences, Biomedical Engineering)
Michael A. Rogawski, M.D., Ph.D. (Neurology)
Patrick Romano, M.D., M.P.H. (Pediatrics, Internal Medicine)
Saul Schaefer, M.D. (Internal Medicine: Cardiovascular Medicine)
Julie Schweitzer, Ph.D. (Psychiatry and Behavioral Sciences)
Tony J. Simon, Ph.D. (Psychiatry and Behavioral Sciences)
Dan Tancredi, Ph.D. (Pediatrics)
Alicia F. Tarantal, Ph.D. (Cell Biology and Human Anatomy)
Mark Yarborough, Ph.D. (Internal Medicine)

Graduate Study. Graduate Group in Clinical Research (GGCR) is an interdisciplinary graduate group in clinical research with a Master of Advanced Study degree in Clinical Research. The GGCR provides a solid clinical/translational, patient-oriented research foundation for junior faculty, clinical and pre-clinical fellows, and post-doctoral scholars. The program centers around three core elements: didactic instruction, mentors, research, and special experiences:

Mandatory course work includes biostatistics, epidemiology, patient-oriented research, health services research, data management/informatics, scientific communication, research management, responsible conduct of research and career development. The instruction includes a 12-week summer curriculum followed by a one- or two-year core curriculum and electives that can be tailored to best meet each scholar’s career development needs.

Degree Offered. M.A.S. Plan II

Requirements: Candidates must meet the following minimum requirements:

• Completed one of the following degrees: M.D., D.D.S., D.M.D., O.D., N.D., D.O., Pharm.D., D.V.M., Ph.D. or D.N.S. in nursing.
• High level of interest and potential to pursue innovative pre-clinical/translational or clinical research as a major focus of career plan, and a long-term goal of entering clinical research career.
• Submission of an application: 2-page research proposal, Description of training plan with identified mentor, Curriculum vitae, and letters of support.

Coaching Principles and Methods

The Coaching Principles and Methods minor is an interdisciplinary minor open to undergraduates in all four colleges. Students must complete a statement of interest to assist in placing them in future internships. This form is available in the Physical Education Program Office, in 264 Hickey Gym, and may be turned in at any time.

Minor Program Requirements:

UNITS

Coaching Principles and Methods............20

Physical Education 1, must complete a minimum of two Physical Education 1 courses in two different activities or sports.

Physical Education 7

Physical Education 100 .....................2
Physical Education 143 ....................3
Physical Education 141 ....................3