Quantitative Biology and Bioinformatics

[College of Biological Sciences]

The interdisciplinary minor in Quantitative Biology and Bioinformatics is an integrative program that introduces students to the quantitative and computational approaches that are redefining all disciplines in the biological sciences, from molecular and cell biology, through genetics and physiology, to ecology and evolutionary biology. Students in this minor will learn research tools that apply mathematical and computational methods, increase their insight and understanding of biological systems, and develop the interdisciplinary perspective that is now the foundation of modern biological research and training.

The minor in Quantitative Biology and Bioinformatics is open to all undergraduates regardless of major and is sponsored by the College of Biological Sciences.

Minor Program Requirements:

- **Quantitative Biology and Bioinformatics**
  - Core Courses: 18-24
  - Programming: Computer Science Engineering 10 or 30 or the equivalent* 4
  - Quantitative Biology: Biological Sciences 132 or Mathematics 124 4
  - Bioinformatics: Computer Science Engineering 124 or 129 4
  - Quantitative and Computational Preparation: 4
  - Complete one course from the following: Applied Science Engineering 115; Biomedical Engineering 103; Computer Science Engineering 122, 120; Mathematics 128A, 128B, 128C, 135A; Statistics 130A, 131A, 141A *The program requirement may be satisfied by previous experience and therefore may not entail college course credit. Please see your minor adviser for this determination and its possible impact on your unit requirements for the minor.
  - Restricted Electives: 6-8
  - Complete two or more courses from the following list to achieve a total of 18-24 units: Biological Sciences 134, 180L, 181, 183; Biomedical Engineering 102, 117, 140, 141, 151; Biotechnology 150; Computer Science Engineering 165A, 166; Evolution and Ecology 102, 103, 104, 175; Microbiology 105; Molecular and Cellular Biology 123, 143, 182; Neurobiology, Physiology, and Behavior 166, 167; one course from: Environmental Science and Policy 121 or Wildlife, Fish, and Conservation Biology 122
  - Restrictions: No more than two upper division courses from a single department may be offered in satisfaction of the minor requirements. Only one course used to satisfy a requirement for the minor may be applied toward a student's major. Minor Adviser: Consult the Biology Academic Success Center (BASC). 1023 Sciences Laboratory Building; 530-752-0410; http://www.biosci.ucdavis.edu/BASC

Radiation Oncology

See Medicine, School of, on page 396.

Radiology

See Medicine, School of, on page 396.

Range Science

[College of Agricultural and Environmental Sciences]

Faculty. See Plant Sciences, on page 476.

Related Program. See Ecological Management and Restoration, on page 229.

Related Courses. See Plant Sciences 101, 112, 130, 131, 135; Nutrition 115; Soil Science 105, 120; Wildlife, Fish, and Conservation Biology 151.

Religious Studies

[College of Letters and Science]

Naomi Janowitz, Ph.D., Chair

Program Office, 213 Sproul Hall 530-752-1219; http://religions.ucdavis.edu

Faculty

- Catherine Chin, Ph.D., Associate Professor
- Allison Coudeyr, Ph.D., Professor
- Mark Emlor, Ph.D., Assistant Professor
- Naomi Janowitz, Ph.D., Professor
- Meghan O’Keefe, Ph.D., Assistant Professor
- W. Flogg Miller, Ph.D., Associate Professor
- Mairaj Syed, Ph.D., Assistant Professor
- Baki Tezcan, Ph.D., Associate Professor
- Archana Ventakesan, Ph.D., Assistant Professor
- Keith Watenpaugh, Ph.D., Associate Professor

Emeriti Faculty

Whalen W. Lai, Ph.D., Professor Emeritus

The Major Program

Religious is a major force in human experience. It has shaped the world’s history, literature, art, culture, politics, ethics, and economics. In addition to offering courses in all the major religious traditions (Judaism, Christianity, Islam, Hinduism, and Chinese and Japanese religions), the Religious Studies Program has developed cross-cultural courses dealing with religious symbols, myths, and rituals in written texts, art, theater, and film, as well as thematic courses dealing with such topics as religion and the body, the rise of fundamentalism, religion and science, and religion and violence.

The Program. The major introduces students to the academic study of religion. Students can choose from a broad range of courses both in the program itself and in other departments and programs—history, philosophy, sociology, anthropology, American studies, classics, and medieval studies. In addition to studying religious thought per se, students in the major can also study the way religion has shaped human behavior in such matters as family life, gender roles, ethics, artistic life, concepts of individual freedom, the pursuit of science, and economics. For some students, Religious Studies is an appropriate second major and combines well with anything from philosophy to international agricultural development, political science, and the physical sciences.

Career Alternatives. Because of the program’s focus on developing critical thinking, writing, and reading skills, students who major in Religious Studies are well prepared to enter a variety of careers, including teaching, the health professions, law, business, and government. In an increasingly global society, knowledge of the world’s religious traditions and practices has become an essential part of a student’s education.

A.B. Major Requirements:

- Preparatory Subject Matter: 20
  - (A) One course from the Religious Studies 1 series: 4
  - (B) Four courses from other Religious Studies lower division offerings: 16

- Depth Subject Matter: 40
  - Religious Studies 100: 4
  - Nine upper division Religious Studies courses*: 36
    - Four of these courses may be upper division courses related to religion that are offered by other departments and taken with the approval of a Religious Studies adviser.

- Total Units for the Major: 60

- Recommended. A reading knowledge of a foreign language is highly recommended.

- Course Equivalents. The major advisers have a list of lower and upper division courses that can be substituted for courses suggested above.

- Major Advisers. Consult the Program office.

Minor Program Requirements:

- Religious Studies: 20
  - Lower division course: 4
  - Upper division courses: 16
  - Religious Studies 100 required. Some substitutions from other departments or programs allowed with consent of adviser.

- Minor Advisers. Same as major advisers.

- Honors and Honors Program. A student becomes eligible for graduation with honors by meeting the minimum GPA and course requirements established by the College of Letters and Science. Upon successful completion of the additional requirements of the College of Letters and Science and Honors Program, individual students may be recommended...
by the program for graduation with high honors or highest honors on the basis of an evaluation of their academic achievements in the major.

Education Abroad Program. The Religious Studies program encourages students to study in the Summer Abroad program, the Quarter Abroad program, or the Education Abroad Program. With the approval of a major advisor, applicable courses taken abroad may be accepted in the major or minor programs.

Teaching Credential Subject Representative. See the Teaching Credential/M.A. Program on page 115.


Courses in Religious Studies (RST)

Lower Division

1. Survey of Religion (4)
   Lecture—3 hours; discussion—1 hour. Basic concepts introduced through readings of the primary religious sources. Discussion of central ideas (creation, history, law, prophecy, suffering, mysticism, asceticism, karma, reincarnation, moksha, etc.); readings from the Bible, Bhagavad Gita, the Koran, selections from Plato and early Buddhist writings. GE credit: ArtHum, Div Wrt | ACHG, AH, DD, OL, VL, WE.—I, II, III, IV.

1A. Pilgrimage (4)
   Lecture—3 hours; discussion—1 hour. Introduction to comparative religion, focusing on the theme of pilgrimage in different religious traditions. Not open to students who have taken course 3A. Offered irregularly. GE credit: ArtHum, Div Wrt | AH, AH, OL, WE.—I, II, III, IV. (I, II, III, IV.) Coudert, Janowitz

1B. Death and Afterlife (4)
   Lecture—3 hours; discussion—1 hour. Introduction to comparative religion, focusing on the theme of death and the afterlife in different religious traditions. Not open to students who have taken course 3B. GE credit: ArtHum, Div Wrt | AH, OL, VL, WE.—I, II, III, IV. (I, II, III, IV.) Venkatesan

1C. Sacrifice (4)
   Lecture—3 hours; discussion—1 hour. Introduction to comparative religion, focusing on the theme of sacrifice in different religious traditions. Not open to those who have taken course 3C. Offered irregularly. GE credit: ArtHum, Div Wrt | AH, OL, VL, WE.—I, II, III, IV. (I, II, III, IV.) Coudert

1D. Conversion (4)
   Lecture—3 hours; discussion—1 hour. Introduction to comparative religion, focusing on the theme of conversion in different religious traditions. Not open to those who have taken course 3D. Offered irregularly. GE credit: ArtHum, Div Wrt | AH, WC, WE.—I, II, III, IV. (I, II, III, IV.)

1E. Fundamentalism (4)
   Lecture—3 hours; discussion—1 hour. Introduction to comparative religion, focusing on the idea of fundamentalism in different religious traditions. Not available to those who have taken course 3E. Offered irregularly. GE credit: ArtHum or SacSci, Div Wrt | AH or SS, OL, VL, WE.—I, II, III, IV. (I, II, III, IV.) Watenpaugh

1F. Religion Today (4)
   Lecture—3 hours; discussion—1 hour. Introduction to comparative religion, focusing on different religious traditions around the world. GE credit: ArtHum, Div Wrt | AH, DD, WC, WE.—I, II, III, IV. (I, II, III, IV.)

1G. Myth, Ritual, and Symbolism (4)
   Lecture—3 hours; discussion—1 hour. Myths, rituals, and religious symbols found in a variety of religious traditions including examples from ancient and contemporary religious life. Variety of religious phenomena; validity of different approaches to the study of religion. Not open to students who have taken and received unit credit for course 2. GE credit: ArtHum, Div Wrt | AH, OL, VL, WE.—I, II, (I, II) Janowitz

1H. Religion and Law (4)
   Lecture—3 hours; discussion—1 hour. Methods used in the study of religion, focusing on a particular theme in a number of religious traditions. Offered in alternate years. GE credit: ArtHum | AH, OL, WC, WE.—Vidas

10. Contemporary Ethical Issues (2)
   Lecture—2 hours. Presentations challenging, contemporary ethical issues from a multicultural perspective. Rotating topics will include Ethical Eating, Capital Punishment, Environmentalism, Poverty, and Animal Rights. May be repeated for credit. GE credit: ArtHum, Wrt | AH, WE.—III. (III) Coudert, Janowitz

10A. Contemporary Ethical Issues (2)
   Discussion—1 hour; extensive writing. Prerequisite: concurrent enrollment in course 10 required. Restricted to students enrolled in course 10. GE topical breadth and diversity credit only with concurrent enrollment in course 10. Discussion of the readings assigned for course 10 completed by a major research paper. May be repeated for credit. GE credit: ArtHum, Div Wrt | AH, WE.—II. (II) Coudert, Janowitz

11. Ethical Eating (4)
   Lecture—3 hours; term paper or discussion—1 hour. Introduction to the complex and varied ethical, religious, and cultural meanings that food has had across the centuries and globe. Offered irregularly. GE credit: ArtHum, Div Wrt | AH, OL, VL, WC, WE.—Coudert

12. The Emergence of Judaism, Christianity and Islam (4)
   Lecture—3 hours; discussion—1 hour. History of religion in the ancient Near East and Mediterranean, from the Persians and Greeks to the rise of Islam. Emphasis on historical and social contexts of the formation of new traditions, in particular Judaism, Christianity, and Islam. Offered in alternate years. GE credit: ArtHum, Div Wrt | AH, OL, VL, WE.—I, II, III, IV.

15Y. Reading War/Fighting War (4)
   Lecture—2 hours; web electronic discussion—1 hour; extensive writing. Introduction to both religious and secular texts on radical ideas that are drawn from the experience and training of soldiers in recent military conflicts. Offered irregularly. GE credit: ArtHum, Div Wrt | ACHG, AH, DD, OL, VL, WC, WE.—III. (III) Janowitz

21. Hebrew Scriptures (4)
   Lecture—3 hours; term paper or discussion. Selected texts from the Hebrew Scriptures (Genesis II Chroni- cles) and review of Judeo-Christianity is based on the texts from a variety of perspectives (historical, literary, sociological, psychological). Course work is based on an English translation and no knowledge of Hebrew is required. GE credit: ArtHum, Div Wrt | AH, WE, WE.—I, II, III, IV.

23. Introduction to Judaism (4)
   Lecture/discussion—3 hours; term paper. Introduction to the study of Judaism using examples from the rituals, art and architecture of Jewish tradition. No prior knowledge of either Judaism or the study of religion is necessary. GE credit: ArtHum, Div Wrt | ACHG, AH, DD, WC, WE.—II, (II)

30. Religions of South Asia (4)
   Lecture—3 hours; discussion—1 hour. Introduction to South Asian religions, including Hinduism, Buddhism, Islam, Jainism and Sufism. Traces historical developments from Vedic texts and their ascetic reformulation Yoga Vairavalyaka, Siddhartha Gautama, and Mahavira into our global present. Offered irregularly. GE credit: ArtHum, Div Wrt | AH, VL, WE.—I, II, (II) Elmore, Venkatesan

40. New Testament (4)
   Lecture—3 hours; discussion—1 hour. New Testa- ment literature from critical, historical, and theological perspectives. GE credit: ArtHum, Wrt | AH, WC, WE.—I, (I) Chin

42. Religion and Science Fiction (4)

43. Christianity (4)
   Lecture/discussion—3 hours; term paper or discussion. Major concepts and practices in the Christian tradition. Survey of the history of Christianity and Christian expansion from antiquity to modern times. Course pays particular attention to Christianity in China, India, Africa, the Middle East, and Latin America. Offered in alternate years. GE credit: ArtHum | AH, VL, WE.—I, II, III, IV.

60. Introduction to Islam (4)
   Lecture/discussion—3 hours; term paper or discussion—1 hour. Introduction to topics central to the Islamic tradition. Muhammad, the Qur’an, Islamic law, theology, philosophy, cosmology, worship, and mysticism. Race and gender in Islam, Islamic revival, and varying experiences of Islam in different historical and cultural settings. Offered in alternate years. GE credit: ArtHum or SocSci, Div Wrt | AH or SS, VL, WC, WE.—II, Elmore, Venkatesan

65C. The Qur’an and Its Interpretation (4)
   Lecture/discussion—3 hours; extensive writing. The Qur’an, its history, its various functions in the lives of Muslims, and its different interpretations. Quranic themes such as God and humankind, nature and revelation, eschatology and Satan. Islam and other religions; women, gender, and sexuality. Offered in alternate years. GE credit: ArtHum, Div Wrt | AH, VL, WE.—III. (III)

67. Modern Hinduism (4)
   Lecture—3 hours; term paper. Historical survey of modern Hinduism from the early nineteenth century to the present. Topics include Rammohun Roy, Sir William Jones, and Mahatma Gandhi, nationalism, post-colonialism and diasporic. Offered in alternate years. GE credit: ArtHum or SocSci, Div Wrt | AH or SS, VL, WE.—I, II, Elmore, Venkatesan

68. Hinduism (4)
   Lecture—3 hours; writing. Hindu tradition from ancient to modern times. Multiplicity of religious forms within Hinduism with mention of Jainism, Buddhism, and Sikhism and their relation to the mainstream of Hindu religion. Offered in alternate years. GE credit: ArtHum, Div Wrt | AH, VL, WE.—I, II, III, IV.

69. Introduction to Hindu Mythology (4)
   Lecture/discussion—3 hours; term paper or discussion—1 hour. Survey of the major narrative tradi- tions within Hinduism, including epic literature and local stories in oral, textual, visual and performative forms. Offered in alternate years. GE credit: ArtHum, Div Wrt | AH, VL, WE.—I, II, III, IV.

70. Religion and Language (4)
   Lecture/discussion—3 hours; term paper. Basic toolkit for studying religious discourse in a variety of tradi- tions. Concentration on the sacred and profane, the wondrous and ordinary, and the mystical and reasonable. GE credit: ArtHum, Div Wrt | AH, VL, WE.—I, II, (I) Miller

75. Introduction to Chinese Philosophy (4)
   Lecture—discourse—4 hours. Introduction to Chinese philosophy from classical pre-modern times; empha- sis on basic concepts and their actual con- duct; the Age of Philosophers, the Han synthesis, the medieval Buddhist contribution. Offered irregularly.
80. Religion, Gender, Sexuality (4) Lecture/discussion—3 hours; term paper. Constructions of gender and sexuality within one or more religious traditions, in modern and in historical periods. Emphasis on the interaction between religious, medical, and ethical definitions of the human body and sexual behavior as reflected in religious teachings. GE credit: ArtHum, Div, Wrt | AH, WE.—II, III.

115. Mysticism (4) Lecture—3 hours; term paper. Prerequisite: one lower division Religious Studies course (except 10, 98, or 99). Historical and descriptive analysis of selected key figures and the manuscripts and writings of the mystical movement. Analytic term paper. Offered every three-four years. GE credit: ArtHum, Div, Wrt | AH, OL, VL, WC, WE.—III.

120. Religion, Magic and Science (4) Lecture—3 hours; term paper. Prerequisite: consent of instructor. The relationship between religious and scientific thought from the middle ages to the present. Contrast between modern scientific methodology and religious and magical thinking. (Same course as Science and Technology Studies 120.) Offered in alternate years. GE credit: ArtHum, Div, Wrt | AH, OL, VL, WC, WE.—I, II, III. Watenpaugh

98. Directed Group Study (1-5) Prerequisite: consent of instructor; primarily for lower division students. (P/NP grading only.)

99. Special Study for Lower Division Undergraduates (1-5) [P/NP grading only.]


103. Medieval and Byzantine Christianity (4) Lecture/discussion—3 hours; term paper. Prerequisite: courses 40 or 45. Christianity in Europe and the Near East from the year 600 to 1450. Focus on the development of Catholic and Orthodox traditions in ritual, art, and thought, with attention to interactions between regional groups, and Christian interaction with Islam. Offered irregularly. GE credit: ArtHum, Div, Wrt | AH, WC, WE.—II, II. Chin

104. Christianity 1450-1700 (4) Lecture/discussion—3 hours; term paper. History of Reformation conflicts over the authority of scripture, the nature of man and the universe, and the basis of morality with the goal of understanding how these conflicts laid the foundation for the modern world. Offered irregularly. GE credit: ArtHum, Div, Wrt.—Coudert

105. Christianity and Modernity, 1700-1920 (4) Lecture—3 hours; term paper. Reaction of Christian critics and apologists to the profound cultural and scientific transformations resulting from the Scientific Revolution, the Enlightenment, and the advent of the modern critical study of religion. Offered in alternate years. GE credit: ArtHum, Div, Wrt | AH, OL, VL, WC, WE.—II. Coudert


110. Life, Meaning and Identity (4) Lecture/discussion—3 hours; term paper. Prerequisite: course 1 or 2 or upper division standing. Study of religious lives, the quest for meaning and for personal identity; how religions frame the problems of life; how cultural and personal crises affect youthful identity, the nature and structure of dreams, myths, and ideals. Offered in alternate years. GE credit: AH, WE.—II, Elmore

119. Special Study for Lower Division Students (1-5) [P/NP grading only.]

98. Directed Group Study (1-5) Prerequisite: consent of instructor; primarily for lower division students. (P/NP grading only.)

99. Special Study for Lower Division Undergraduates (1-5) [P/NP grading only.]

Upper Division

122. Studies in Biblical Texts (4) Lecture—3 hours; term paper. Prerequisite: course 21. Study of a book from the Prophets or writings from critical, historical, and religious perspectives. May be repeated one time for credit in different subject area. GE credit: ArtHum | AH, WE.—III. (III.)

124. Topics in Judaism (4) Lecture—3 hours; term paper. Prerequisite: course 23. Examination of selected aspects of Jewish life, religion, or literature. Potential topics include: Jewish Perspectives on Jesus; The Golem: History and Legend; Sexuality in literature in Late Antique Judaism and Early Christianity. May be repeated for credit when topics differ. —II.

125. Dead Sea Scrolls, Apocrypha, and Pseudepigrapha (4) Lecture—3 hours; term paper. Prerequisite: course 21 or 40 or consent of instructor. Survey of the Dead Sea Scrolls, apocryphal and pseudepigraphical writings of Judaism and Christianity and their historical, social, and religious importance. GE credit: ArtHum | AH, WC, WE.—II. Vidas

126. The Formation of the Rabbinic Tradition (4) Lecture/discussion—3 hours; term paper. Prerequisite: courses 23 or 40. Survey of the classical rabbinic Jewish texts such as the Talmud and of the social and historical contexts of their production in Palestine and Babylonia. Offered in alternate years. GE credit: Wrt | WC, WE.—II, III.

130. Topics in Religious Studies (4) Lecture/discussion—3 hours; term paper. Prerequisite: one from course 1, 2, 3A, 3B, or 3C or consent of instructor. Thematic study of a phenomenon in more than one religious tradition or in the relationships between religious and another cultural phenomenon. Topics may include archaeology and the Bible, women and religion, religion and violence. May be repeated for credit when topics differ. GE credit: WC, WE.—II, III.

131. Genocide (4) Lecture/discussion—3 hours; term paper or discussion—1 hour. Prerequisite: upper division standing. Comparative and critical study of the modern phenomenon of genocide from religious, ethnic and historical perspectives. (Same course as Human Rights 131.) Offered in alternate years. GE credit: ArtHum or SocSci, Div, Wrt | AH or SS, VL, WC, WE.—II. Watenpaugh

132. Topics in Mediterranean Ancient Religion (4) Lecture/discussion—3 hours; term paper. Prerequisite: course 21 or 40 or consent of instructor. Theoretical study of specific sociological, literary or theological themes across the religious traditions of the ancient Mediterranean Near East: Greek and Roman religion, Judaism, Christianity, Monotheism, etc. Topics may include creation, sacrifice, priesthoods, prophetic, holy books, the afterlife. Offered in alternate years. May be repeated two times for credit when topics differ. GE credit: ArtHum | AH, WC, WE.—II, III.

134. Human Rights (4) Lecture/discussion—3 hours; term paper or discussion—1 hour. Introduction to the interdisciplinary study of the origins, evolution, and reproduction of Human Rights. No credit for students who have completed Religious Studies 90. (Same course as Human Rights 134.) Offered in alternate years. GE credit: ArtHum or SocSci, Div, Wrt | AH or SS, WC, WE.—III. Watenpaugh

135. The Bible and Film (4) Lecture—2 hours; term paper; film-viewing—3 hours. Prerequisite: Humanities 10 recommended. Examination of the uses of the Bible in movies and in popular culture. Topics include dramatic depictions of biblical stories, the tension between science and religion, allegorical treatment of biblical themes, and the problems of religious conviction.—III.

140. Christian Theology (4) Lecture/discussion—3 hours; term paper. Prerequisite: course 40; course 102 recommended. Historical and systematic introduction to Christian doctrine, with attention to divergent traditions and the problems of orthodoxy and heresy. GE credit: ArtHum | AH, WC, WE.—II. (I.)

141A. New Testament Literature: Synoptic Gospels (4) Lecture—3 hours; discussion—1 hour. Prerequisite: course 40. Life and thought of the early Church as reflected by the Synoptic Tradition Matthew, Mark, Luke and Acts. Offered every third year to alternate with 141B, 141C. GE credit: ArtHum, Wrt | AH, WC, WE.

141B. New Testament Literature: John (4) Lecture—3 hours; discussion—1 hour. Prerequisite: course 40. Life and thought of the early Church as reflected by the Johannine Tradition—The Gospel and letters of John. Offered every third year to alternate with 141A, 141C. GE credit: ArtHum, Wrt | AH, WC, WE.—III.

141C. New Testament Literature: Paul (4) Lecture—3 hours; discussion—1 hour. Prerequisite: course 40. Life and thought of the early Church as reflected by the Pauline tradition—the letters of Paul. Offered every third year to alternate with 141A, 141B. GE credit: ArtHum, Wrt | AH, WC, WE.—II.


144. History of the Bible (4) Lecture—3 hours; term paper. Prerequisite: course 21 or 40. History of the formation of the Christian biblical canon, with emphasis on differences between Christian traditions; survey of translations and adaptations of biblical narrative in Christianity, Judaism, and Islam, as well as in contemporary culture. Offered irregularly. GE credit: ArtHum, Div, Wrt | AH, WC, WE.—I, II, III. (II, II, III.) Chin

145. Contemporary American Religion (4) Lecture—3 hours; discussion—1 hour. Prerequisite: course 40 and History 178 recommended. Examination of several major movements and phenomena in twentieth-century American religion. Offered in alternate years. GE credit: ArtHum | AGCH, AH, DD, WE.—I.

150. Religious Ethics (4) Lecture/discussion—3 hours; term paper or discussion. Prerequisite: course 10 recommended. Study of the religious bases of ethics through examination of ethical problems that arise in different religious cultures around the world and in the cultures of the world where multiple religious cultures face similar issues. Offered irregularly. GE credit: ArtHum, Div, Wrt | AH, WC, WE.—Chin, Coudert
156. Religion and the Performing Arts in India (4)
Lecture—3 hours; term paper. Prerequisite: course 30, 68, or consent of the instructor. Survey of religion and performing arts in India. Emphasis on the influence of colonialism, nationalism, and regionalism on Hindu and Muslim performing arts. Offered in alternate years. GE credit: ArtHum, Div. Wrt | AH, WC, WE. —II. Venkatesan

157. Hindu Women and Goddesses (4)
Lecture—3 hours; term paper. Prerequisite: course 10 recommended. Hindu goddesses and the religious period of Hindu women in India and the diaspora. Offered in alternate years. GE credit: ArtHum, Div, Wrt | AH, VL, WC, WE. —I, III. (I, III.) Venkatesan

160. Introduction to Islamic Thought (4)
Lecture—3 hours; extensive writing. Prerequisite: course 60 recommended. The development of Islamic thought from the first centuries of Islam to the eighteenth century. Theology, philosophy, ethics, Sufism, historiography, and the law of the Islamic world. Offered in alternate years. GE credit: ArtHum, Div, Wrt | AH, WC, WE. —II. Tezcan

161. Modern Islam (4)
Lecture/discussion—3 hours; term paper. Prerequisite: course 60 or consent of instructor. The response of Islam to modernity, secularism, reformism, fundamentalism, Islam and imperialism, women, media and immigration. Islamic modernism, political Islam, Islam in Europe and America. GE credit: ArtHum, Div, Wrt | AH, WC, WE. —II. (II.)

161B. Modern Islam: Authority and Tradition In Process (4)
Lecture/discussion—3 hours; term paper. Survey of Islamic thought, social organization, politics from the eighteenth century through present. Focus on changing notions of moral authority and tradition. Concentration on Middle East and South Asia with sustained treatment of North American engagements with the Islamic world. Offered in alternate years. GE credit: ArtHum or SocSci, Div, Wrt | AH or SS, OL, WC, WE. —II. Miller, Watenpaugh

162. Introduction to Islamic Law (4)
Lecture—3 hours; extensive writing. Prerequisite: course 60 recommended. The development of Islamic law in the formative centuries of Islam, ca. 600-1000, as well as its adaptation to changing economic, social, and political conditions in subsequent periods. Readings in classical Islamic legal theory, the Shari’a, reformist movements, human rights. Offered in alternate years. GE credit: ArtHum or SocSci, Div, Wrt | AH or SS, OL, WC, WE. —II. Miller, Watenpaugh

163. The Social Life of Islam (4)
Lecture—3 hours; term paper. Introduction to culture and social life in Muslim societies. Focus on the plurality of traditions in Muslim faith, reason, and everyday practice. Special attention to Muslim rituals, ethical values, verbal genres, family life, sexuality and veiling, and youth culture. Offered in alternate years. —II. Miller

165. Islam in Asia (4)
Lecture/discussion—3 hours; extensive writing. Islam as a lived religion in the Indian sub-continent, Central Asia, China, and Southeast Asia. Emphasis is on primary sources studied comparatively and historically. GE credit: ArtHum, Div. Wrt. —III. Tezcan

167. Iraq (4)
Seminar—3 hours; term paper. Origins, causes and ethical challenges of conditions in Iraq: larger historical, cultural and ethnic dimensions of mass violence, war, liberation, neocolonialism, terrorism and resistance. —III. (III.) Watenpaugh

170. Buddhism (4)
Lecture—3 hours; term paper. Buddhism in its pan-Asian manifestations, from its beginning in India to its development in Sri Lanka and Southeast Asia, Central Asia, China and Japan; teachings and practices, socio-political and cultural impact. Offered in alternate years. GE credit: ArtHum | AH, VL, WC. —III. Elmore

172. Ch’An (Zen) Buddhism (4)
Lecture/discussion—3 hours; term paper. Doctrines and methods of the Ch’an Buddhism, both ancient and modern. Review of ritual techniques, including meditation. —II.

175A. Chinese Intellectual Traditions: Daoist Traditions (4)
Lecture/discussion—4 hours. Prerequisite: Chinese 11 or a course in Chinese history recommended. English-language survey of key Daoist texts and scholarship. Topics include Daoist concepts of the cosmos, the natural world, scripture, the body, and immortality; Daoist divinities; Daoism and the state. Offered in alternate years. (Same course as Chinese 100A) GE credit: ArtHum, Div, Wrt | AH, WC. —(II.) Halperin

189. Senior Colloquium (4)
Seminar—3 hours; term paper. Prerequisite: consent of instructor. Primarily for seniors in Religious Studies. Discussion in depth of a problem in religion which requires the methods of several disciplines and is important in the encounter between religions. —II. (II.)

190. Seminar (4)
Seminar—3 hours; term paper. Prerequisite: consent of instructor; required of all Religious Studies majors. Allows majors to integrate their disciplined study of the field. Emphasis on oral or written research or current scholarly debate about the methods for analyzing and comparing diverse religious traditions. —II.

194HA-194HB. Special Study for Honors Students (1-5)
Independent study. Open only to majors in senior standing who qualify for honors program. Guided research, under the direction of a faculty member approved by the Program Director, leading to a senior honors thesis on a religious studies topic. (P/NP grading only.)

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

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

Graduate

201. Methods and Issues in Religious Studies (4)
Seminar—3 hours; term paper. Prerequisite: graduate standing. Focuses on controversies in the study of comparative religion. How is religion best defined? Are there methods unique to the study of religion? What does the study of religion contribute to the study of society in general? May be repeated two times for credit when topic differs. Offered in alternate years. —II.

205. Religion and Media (4)
Lecture/discussion—3 hours; term paper. Many communities are finding global media technologies useful for religious practice. This course examines how religious revitalization is historically situated. A phenomenological approach will enable students to situate media and religion within the social and material world of practitioners. —IV. (IV.) Miller

210. Religion and Postcoloniality, or Savagehood, Colonialism, and Spacetraitality (4)
Seminar—3 hours; term paper. Prerequisite: graduate standing. This course examines relations between religion and colonialisms. Using specific historical situations it explores some of our theoretical problems. Students acquire a solid understanding of postcolonial theory and the historical tools to critically engage religion in the present. —III. (III.) Watenpaugh

212. Religion and Violence (4)
Seminar—3 hours; term paper. Comparative and critical study of the ideological, cultural, and theoretical relationship between forms of violence and religion and religious practice. Offered in alternate years. —(II.) Watenpaugh

215. Topics in the History of Christianity (4)
Seminar—3 hours; term paper. Prerequisite: graduate standing. Selected topics in the history of Christianity. May cover issues in Christian thought from antiquity, the middle ages, the early modern or modern period. May be repeated for credit when topic differs. Offered irregularly.—I, III. (II, III.) Chin, Coudert

299. Directed Research (1-12)
(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, III. (I, II, III.)

Russian

[College of Letters and Science]
Elisabeth Krimmer, Ph.D., Program Director
Program Office, 213 Sproul Hall
530-752-1219; http://russian.ucdavis.edu

Committee in Charge
Carle A. Arnett, Ph.D. (German and Russian)
Jenny Kaminer, Ph.D. (German and Russian)
Olga Stuchebrukhov, Ph.D. (German and Russian)

Faculty
Jenny Kaminer, Ph.D. (German and Russian)
Olga Stuchebrukhov, Ph.D. (German and Russian)

Emeriti Faculty
James Gallant, Ph.D., Lecturer Emeritus
Daniel Rancour-Lafarie, Ph.D., Professor Emeritus
Valerie A. Tumin, Ph.D., Professor Emerita

The Major Program

The Russian major introduces students to a culture rich in art, music, theater, film, language, and literature. The major offers an opportunity to learn skills needed to enter the fields of foreign affairs, world politics, and international trade, or to begin graduate work in literature, history, cultural studies and international relations.

The Program. The major program instructs students in speaking, understanding, reading, and writing the Russian language. The program also acquaints students with the intellectual and cultural contributions of the Russian world through the study of its literature, traditions, and institutions.

Internships and Career Alternatives. Russian majors may participate in internships where they can serve as translators and interpreters for schools and business firms throughout Northern California. Upon graduation, many Russian majors enter the business world or enter graduate programs in Slavic studies and international relations. The program encourages students to supplement their Russian studies with courses in related fields such as international relations, political science, computer science, cultural studies, or economics in order to maximize their career possibilities.

A.B. Major Requirements:

Preparatory Subject Matter.........................0-27

UNITS

Preparatory Subject Matter.........................0-27

Depth Subject Matter................................36

Russian 101A, 101B, 101C.........................12

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; Wrt—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; QL—Quantitative; SL—Scientific; VL—Visual; WC—World Cultures; WE—Writing Experience