Middle East/South Asia Studies

110. Advanced Microbiology Laboratory Rotations (5)
Laboratory—15 hours. Two five-week assignments in microbiology research laboratories. Individual research projects with emphasis on methodological/procedural experience and experimental design. May be repeated two times for credit. — F, W, S. [F, W, S.]

210. Microbial Interactions (2)
Lecture—2 hours. Prerequisite: course 200A or consent of instructor. Analysis of the molecular level of the interactions of microbes with the environment, microbes with other microbes, and microbes in symbiotic and/or pathogenic associations with eukaryotic hosts. Topics discussed will vary. May be repeated for credit. [F, W, S. (F, W, S.)]

290C. Advanced Research Conference (1)
Discussion/conference—1 hour. Prerequisite: graduate standing and/or consent of instructor. Presentation and critical discussion of staff research activities. Designed for advanced graduate students. May be repeated for credit. [S/U grading only.] — F, W, S. [F, W, S.]

299. Research (1-12)
Research under the guidance of dissertation committee. [S/U grading only.]

Middle East/South Asia Studies

[College of Letters and Science]
Smriti Srinivas, Ph.D. Program Director
Program Office. 1272 Social Science & Humanities 530754.4926; http://mesa.ucdavis.edu

Committee in Charge
Ali Anooshahr, Ph.D. (History)
Flagg Miller, Ph.D. (Religious Studies)
Jocelyn Sharer, Ph.D. (Comparative Literature)
Nahal Radwani, Ph.D. (Comparative Literature)
Smriti Srinivas, Ph.D. (Anthropology)
Suad Joseph, Ph.D. (Anthropology; Women and Gender studies)
Sudipta Sen, Ph.D. (History)
Susan Miller, Ph.D. (History)

The Major Program
A study of the Middle East and South Asia as a whole allows students to explore a unique set of issues of both historical and contemporary importance. In order to guide students in comparative analysis, faculty assistance keeps their inquiries through coursework on antique, medieval, and early modern empires and political systems. Given the dynamism of modern cultural contexts, majors are invited to continue an inquiry on a wide range of variables including the evolution of states along with new understandings of citizenship, the rise and development of nationalist movements, political conflicts informed by religious majorities, the nuclearization of India and Pakistan, the growth of information societies and computer industries, the production of oil and its social and cultural legacies, labor migrations, urbanization, the populations of sizeable middle-class families, transnational literary movements using sophisticated media technologies, the expansion and intrusion of global security regimes into everyday life, and peace offers that shape struggles for justice across the world. Our program’s focus on both the Middle East and South Asia is a pioneering achievement in the United States rallied by only four other colleges or universities. By the end of their studies, majors will have acquired an in-depth understanding of the common historical experience shared by many peoples in these regions, and of the legacies of culture, social exchange, power and empowerment across diverse settings. Students are also required to complete at least two years of training in a language appropri- ate to their area of expertise.

The major in Middle East/South Asia Studies at UC Davis offers a unique opportunity to engage in research exchanges, complementarities, and correspondences in such fields as history, political economy, culture, literature and film, religion, family structures, gender relations, media, anthropology, law, interna- tional relations, development, diasporas, and urban- ism. Students who complete our major will be well suited to embark on careers in non-governmental organizations, journalism and media industries, edu- cation and research, governmental service and diplomacy, and business.

A.B. Major Program Requirements:

Preparatory Subject Matter…………………8-38

Course Requirements:…………………201-42

Core Course List:…………………142-145

Additional Electives…………………60-80

A.B. Major Program Requirements:

Preparatory Subject Matter…………………8-38

Course Requirements:…………………201-42

Core Course List:…………………142-145

Additional Electives…………………60-80

Total Units for Major…………………48-80

Middle East/South Asia Studies

Middle East/South Asia Studies

Michael A. Savageau, Ph.D., Professor
[Biomedical Engineering]
Lark Schneider, Ph.D., Assistant Professor
[Pathology; Microbiology & Immunology]
Barbara L. Shacklett, Ph.D., Professor
[Medical Microbiology and Immunology]
Mitchell H. Simpson, Ph.D., Professor
[Microbiology & Molecular Genetics]
Carolyn Slupsky, Ph.D., Professor
[Nutrition]
Wuatrana A. Smith, Ph.D., Associate Professor
[Pathology; Microbiology and Immunology]
Jay V. Solnick, M.D., Ph.D., Professor
[Internal Medicine]
Esteban Sato-Martinez, Ph.D., Assistant Professor
[Veterinary Medicine & Epidemiology]
Jeffrey L. Stott, Ph.D., Professor
[Pathology; Microbiology, and Immunology]
Dawn Sumner, Ph.D., Professor
[Earth and Planetary Sciences]
ilias Tagkapoulos, Ph.D., Assistant Professor
[Computer Science]
George Thompson, M.D., Assistant Professor
[Medical Microbiology & Immunology]
Jose V. Torres, Ph.D., Professor
[Medical Microbiology and Immunology]
Renée M. Tsolis, Ph.D., Professor
[Medical Microbiology and Immunology]
Bart Weimer, Ph.D., Professor
[Population Health & Reproduction]
Stefan Wurzel, Ph.D., Professor
[Civil and Environmental Engineering]
Lifeng Xu, Ph.D., Assistant Professor
[Microbiology & Molecular Genetics]
Tilahun D. Yilma, Ph.D., Professor
[Pathology; Microbiology, and Immunology]
Glenn M. Young, Ph.D., Professor
[Food Science and Technology]
Huaqiu Zhou, Ph.D., Associate Professor
[Animal Science]

Affiliated Faculty
Kathryn Dekemer, Ph.D., MPH, Adjunct Associate Professor [Medical Microbiology & Immunology]
Patrick S. C. Leung, Ph.D., Adjunct Professor
[Internal Medicine]
Ellen E. Sparger, D.V.M., Ph.D., Associate Adjunct Professor
[Veterinary Medicine and Epidemiology]

Graduate Study. The Graduate Group in Microbiology offers study in modern molecular approaches to microbial problems. Areas of research span fundamental, applied, and pathogenic microbiology, including bacterial and viral molecular biology, microbial genomics and genetics, microbial physiology and development, microbial ecology and environmental microbiology, cancer biology, and bioengineering. Information on the graduate study and undergraduate preparation for the program contact a graduate adviser or the Chairperson of the Group.

Graduate Advisers. S.C. Dawson (Microbiology & Molecular Genetics); L.F. Bisson (Viticulture and Enology); R.E. Parales (Microbiology & Molecular Genetics); E.E. Sparger (Vet Med; Medicine); R. Tsolis (Med; Microbiology & Immunology); B. Weimer (Weimer Lab); R. Xu (Microbiology & Genetics)

Courses in Microbiology (MBI)

Graduate

200A. Microbial Biology (3)
Lecture—3 hours. Prerequisite: course Microbiology 102 or equivalent, prior coursework in Microbiology. Designed to provide an overview of various aspects of microbiology and microbial processes. Topics will include microbial genetics and genomics, microbial metabolism, signaling, and adaptations. — F, W, S. [F, W, S.]
Arab Studies Minor Program Requirements:
The minor in Arab Studies covers an area of utmost historical, cultural, economic and geopolitical significance. Several key contemporary issues make the region a whole a focus of interest for scholarly study. The Arab Studies minor is an interdisciplinary minor open to undergraduates in all four colleges.

Arab Studies

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>181A or 182C</td>
<td>4</td>
</tr>
</tbody>
</table>

With prior consultation with an adviser, students can petition the Program Committee to accept other elective courses toward the minor program if the content is 50% or more on the Arab world. Under no circumstances may more than one lower division course be offered in satisfaction of requirements for the minor.

With prior consultation with an adviser, students can petition the Program Committee to accept more than four units of Middle East/South Asia 181C and/or Middle East/South Asia 182C toward the minor program.

India & South Asia Studies Minor Program Requirements:
The minor in India & South Asia Studies covers an area of immense historical, cultural, demographic, and geopolitical significance. The minor is designed to emphasize the interconnected and comparative aspect of history, culture, society, economy, religion, gender relations, media, law, political economics, international relations, urbanism, migration and diaspora, language and literatures across regional and national boundaries. It is an interdisciplinary minor open to undergraduates in all four colleges.

India & South Asia Studies

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>111A, 121A</td>
<td>4</td>
</tr>
</tbody>
</table>

With prior consultation with an adviser, students can petition the Program Committee to accept other elective courses toward the minor program if the content is 50% or more on the Arab world. Under no circumstances may more than one lower division course be offered in satisfaction of requirements for the minor.

With prior consultation with an adviser, students can petition the Program Committee to accept more than four units of Middle East/South Asia 181C and/or Middle East/South Asia 182C toward the minor program.

Iran & Persian Studies Minor Program Requirements:
The Iran & Persian Studies minor offers courses on history and culture in the Iran & Persian world during the early modern and modern periods. It is an interdisciplinary minor open to undergraduates in all four colleges.

Iranian & Persian Studies

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>100</td>
<td>4</td>
</tr>
</tbody>
</table>

With prior consultation with an adviser, students can petition the Program Committee to accept more than four units of Middle East/South Asia 181A and/or Middle East/South Asia 182A toward the minor program.

Courses in Middle East/South Asia Studies (MSA)

Lower Division

92. Internship in Middle East/South Asia Studies (3-15)
Internship. Prerequisite: consent of instructor. Work experience on and off campus in all subject areas offered as part of the MSA studies program. Internship supervised by a member of the ME/SA faculty. May be repeated for credit up to 15 units. (P/NP grading only)—F, W, S, Su. (F, W, S, Su.)

98. Directed Group Study (1-5)
Prerequisite: consent of instructor (P/NP grading only)—F, W, S, Su. (F, W, S, Su.)

99. Special Study for Undergraduates (1-5)
Prerequisite: consent of instructor (P/NP grading only)—F, W, S, Su. (F, W, S, Su.)

Upper Division

100. Middle East and South Asia: Comparative Perspectives (4)
Lecture—3 hours; extensive writing. Prerequisite: some knowledge of Islamic/Middle Eastern history is very useful; consent of instructor. In-depth examination of the great cities of North Africa, the Middle East and South Asia as cultural and historical artifacts. Topics include: the concept of the Islamic city, processes of modernity, and representations that reinforce imagination, memory and personal identity. Offered irregularly. GE credit: ArtHum or SocSci, Div, Wrt| AH or SS, WC, WE. —F, W, S, F. (F, W, S, F.)

111A. Great Cities of Arab Middle East and South Asia (4)
Lecture—3 hours; extensive writing. Prerequisite: some knowledge of Islamic/Middle Eastern history is very useful; consent of instructor. In-depth examination of the great cities of North Africa, the Middle East and South Asia as cultural and historical artifacts. Topics include: the concept of the Islamic city, processes of modernity, and representations that reinforce imagination, memory and personal identity. Offered irregularly. GE credit: ArtHum or SocSci, Div, Wrt| AH or SS, WC, WE. —F, W, S, F. (F, W, S, F.)

112. History of South Asian Islam (4)

121A. Shahnameh: The Persian Book of Kings (4)
Lecture/discussion—3 hours; term paper. In-depth analysis of the Persian Book of Kings (Shahnameh) by Abu al-Qasim Ferdowski (d. 1020 CE) in its historical context with a comparative perspective on the role of this work in Persian and world literature. (Same course as Comparative Literature 175.) Offered in alternate years. GE credit: ArtHum, Div, Wrt| AH, WC, WE —Jocelyn, Sharlet

121C. A Story for a Life: The Arabian Nights (4)
Lecture/discussion—3 hours; term paper. In-depth analysis of the Arabian Nights, the best-known work of pre-modern Arabic literature and a major work of world literature. Analysis of the work in its historical context and in its influence on the number of tales in world literature. (Same course as Comparative Literature 172 and Arabic 140.) Offered in alternate years. GE credit: ArtHum, Div, Wrt| AH, WC, WE —Brown, Sharlet

122A. Themes in the Arabic Novel (4)
Lecture/discussion—3 hours; independent study; extensive writing. Class size limited to 30 students. Select modern Arabic fiction (novels and short stories) in translation. Thematically connected readings supplemented by non-fictional readings when appropriate. May be repeated twice for credit if the same course is not offered in subsequent semesters. Offered in alternate years. GE credit: ArtHum, Div, Wrt| AH, WC, WE —Brown, Sharlet

Fall 2011 and on Revised General Education (GE):
- AH=Arts and Humanities
- SE=Science and Engineering
- SS=Social Sciences
- AGC=American Cultures
- DD=Dominant Diversity
- OL=Oral Skills
- GL=Quantitative
- SL=Scientific
- VL=Visual
- WC=World Cultures
- WE=Writing Experience

Pre-Fall 2011 General Education (GE):
- ArtHum=Arts and Humanities
- ScIeng=Science and Engineering
- SocSci=Social Sciences
- Div=Dominant Diversity
- Wrt=Writing Experience

Quarter Offered:
- F=Fall
- W=Winter
- S=Spring
- Su=Summer
- 2017-2018 offering in parentheses

Middle East/South Asia Studies 461
Military Science

182B. Undergraduate Proseminar in Middle East/South Asia (4)
Seminar—3 hours, term paper. Prerequisite: course 100 recommended. Class size limited to 15 students. Seminar in Iran & South Asia topics specializing in region-specific Middle East and South Asia studies. May be repeated three times for credit when different topics and themes are studied. —W. (W.)

182C. Undergraduate Proseminar in Middle East/South Asia: Arab Studies (4)
Seminar—3 hours, term paper. Prerequisite: course 100 recommended. Class size limited to 15 students. Seminar in South Asia topics specializing in region-specific Middle East and South Asia studies. May be repeated three times for credit. —W. (W.)

Military Science

131A. Modern Iranian Cinema (4)
Lecture/discussion—3 hours; film viewing—3 hours. Prerequisite: upper-division standing, or consent of instructor. Iran cinema of the 20th century in the context of profound cultural and social changes in Iran especially since the Iranian Revolution. Productions by representative directors such as Kiarostami, Makhmalbaf, Bahrani, etc. are included. Knowledge of Persian not required. (Same course as Cinema & Technocultural Studies 164A.) Offered in alternate years. GE credit: ArtHum, Div, Writ | AH, OL, VL, WC. —E. (S.)

131C. Religion and Media in Arab World (4)
Lecture—4 hours. Exploration of the role and experience of media technologies in the Arab world. Study of digital and electronic media as well as alternative media practices. Investigation of new trends in political activism and identity formation. [Same course as Religious Studies 166.] Offered in alternate years. GE credit: SocSci | OL, SS, VL, WC, WE. —Miller, Flagg

150. Women and Islamic Discourses (4)
Lecture/discussion—4 hours. Prerequisite: Women’s Studies 50 or comparable course. Introduction to the debates/discourses about women and Islam. Transformations in debates/discourses in colonial and postcolonial periods in the Middle East and South Asia. Comparative study of debates/discourses on family, work, law, sexuality, religion, comportment, human rights, feminist and religious movements. [Same course as Women’s Studies 185.] Offered irregularly. GE credit: ArtHum or SocSci | AH or SS, WC.

151A. Iranian Society & Culture (4)
Lecture—2 hours; discussion—1 hour; term paper. Prerequisite: some knowledge of Islamic/Middle Eastern history is very useful. Consent of instructor. In-depth investigation of modern Iranian society and culture. Exploration of structures of Iranian society: family, gender, religion, minorities, economy, politics, and state. Iran’s role in the globalizing world, and the role of Iranian diasporas. Offered in alternate years. GE credit: ArtHum | AH, OL, VL, WC, WE. —E. (S.)

180. Topics in Middle East and South Asian Studies (4)
Lecture—3 hours; extensive writing. Comparative perspective on the Middle East and South Asia. Topics may include modernity, religious traditions, colonialism, subalternity and social movements, gender and sexuality, history and memory, science and development, ritual and performance, public culture, diaspora. May be repeated one time for credit. GE credit: ArtHum or SocSci, Div, Writ | AH or SS, WC, WE. —F, W, S. (F, W, S.)

181A. Topics in Regional ME/SA Studies (4)
Lecture—3 hours; term paper. Iran & Persian topics for students specializing in region-specific Middle East and South Asia Studies. May be repeated three times for credit. GE credit: ArtHum or SocSci | AH or SS, WC, WE. —E. (S.)

181B. Topics in Regional ME/SA Studies (4)
Lecture—3 hours; term paper. Indian/South Asia topics for students specializing in region-specific Middle East and South Asia Studies. May be repeated three times for credit. GE credit: ArtHum or SocSci | AH or SS, WC, WE. —S. (S.)

181C. Topics in Regional ME/SA Studies: Arab Studies (4)
Lecture—3 hours; term paper. Arab Studies topics. May be repeated three times for credit when different topics and themes are studied. GE credit: ArtHum or SocSci, Div, Writ | AH or SS, WC, WE. —S. (S.)

182A. Undergraduate Proseminar in Middle East/South Asia (4)
Seminar—3 hours; term paper. Prerequisite: course 100 recommended. Class size limited to 15 students. Seminar in Iran & Persian topics specializing in region-specific Middle East and South Asia studies. May be repeated three times for credit. —W. (W.)

182B. Undergraduate Proseminar in Middle East/South Asia (4)
Seminar—3 hours, term paper. Prerequisite: course 100 recommended. Class size limited to 15 students. Seminar in Iran & South Asia topics specializing in region-specific Middle East and South Asia studies. May be repeated three times for credit. —W. (W.)

Activities for all students include the Ranger Club (a club designed for adventure activities such as rappelling, white-water rafting, rock climbing, and patrolling) and intramural sports teams.

Students who desire a commission in the U.S. Army participate in both the academic portion of the program and in the leadership laboratories and extra-curricular activities designed for leadership and technical skills. They wear uniforms to lead leadership laboratories and selected classes and become ROTC cadets. Students may be cadets in the lower division courses without incurring a military obligation. Students participating in the upper division pre-commissioning program incur a military obligation. See below for details. Extra-curricular activities for cadets include an intercollegiate sports team (Ranger Challenge), the university color guard, a military honor society, and opportunities to participate in field training exercises.

Department Programs

Students are enrolled in Military Science under one of two programs.

Four-Year Program

There is no military obligation associated with attendance in lower division courses. Students are enrolled in the basic course for the first two years on a voluntary basis. Admission to the advanced course (upper division) is by application from second-year lower division students who meet the academic, physical, and medical standards. Qualified veterans can enter the advanced course immediately because of their military service experience, upon approval by the Department Chairperson.

Juniors receive $450 subsistence per month, and Seniors $500 per month, after executing a contract agreeing to complete the courses and accept a commission in the U.S. Army upon graduation. During the course, all Military Science students are covered for health care. Housing and meals are provided without cost. Students are given leadership development experience at the Leader Development and Assessment Course (LDAC) between their third and fourth years of the course. Emphasis is on individual participation, leadership development and the capacity to function effectively in positions of significant responsibility.

Two-Year Program

The two-year program is for students, including graduate students, who have not attended lower division Military Science classes. In the upper division, courses an applicant attends a six-week summer program, Leaders Training Course (LTC) which is voluntary and carries no military obligation. Applicants are paid for transportation and field equipment. All applications are accepted at any time prior to the student’s junior year; graduate students are also accepted. All other provisions explained above for the upper division course apply to the two-year program.

Scholarship Program

The U.S. Army offers four-, three-, and two-year Active Duty scholarships, two-year Reserve Forces Duty, and two-year Dedicated National Guard scholarships to students planning to attend or attending UC Davis. The U.S. Army ROTC scholarship package pays tuition. Also included in all scholarships is a stipend of $1200 per year for textbooks. The Army Reserve Officers’ Training Corps four-year Active Duty merit scholarships are awarded to qualified high school seniors in a national competition each year. A deadline of 10 January is set for submission of the four-year scholarship application. As high school seniors, students compete for the scholarship by submitting their complete application at http://www.goarmy.com. UC Davis, Department of Military Science at 530-754-6707.

The three-year Active Duty and two-year Reserve Forces Duty scholarships are awarded to college students who are already attending UC Davis or transferring from a junior college to UC Davis. Students...