

169. History of African-American Television (4)

Lecture—3 hours; discussion—1 hour. Prerequisite: course 50 recommended. History of the representation of African Americans in television; how the representations reflect social and political forces in American society. Role of African Americans in actively shaping their representation. GE credit: ArtHum, Div | AH, DD, VL, WE. —W. White

170. African-American Film and Video (4)

Lecture—3 hours; film viewing—3 hours. Prerequisite: Film Studies 1, course 50 recommended. Comparative approach in the study of fictional film and video dealing with the African American experience drawing on film and cultural studies to examine and discuss selected works. GE credit: ArtHum, Div, Wrt | AH, DD, VL, WE. —W. (W.) Lambert, White

171. Black African and Black European Film and Video (4)

Lecture/discussion—3 hours; film viewing—3 hours; term paper. Prerequisite: one of course 15, 50, or English 160 or 162, or consent of instructor. Comparative approach in the study of dramatic films and videos that treat black life in Africa and Europe. Critical attention will focus on the imaginative construction of ethnicity, race, nationality, gender, and sexuality in each particular work. Offered in alternate years. GE credit: ArtHum, Div | AH, VL, WC. —S. White

172. Diaspora and New Black Identities (4)

Lecture/discussion—3 hours; term paper. Critical analysis about what it means to be Black/African American in the United States today. Topics include old and new diasporas, immigration, national origin, language, religion, class, education, politics, identity and cultural heritage. GE credit: SocSci, Div, Wrt | ACGH, DD, SS, WE. —W. (W.) Lambert

175A. Black Documentary: History and Theory (4)

Lecture—3 hours; film viewing—3 hours. Prerequisite: Film Studies 1, course 170; course 50 recommended. Black documentary history and documentary theory. Use of black documentary for political purposes. Offered in alternate years. GE credit: ArtHum, Div, Wrt | AH, DD, VL, WE. —(S.) Lambert, White

175B. Black Documentary Practicum (4)

Lecture—2 hours; laboratory—6 hours. Prerequisite: course 175A and consent of instructor. Creation of documentary projects, with students working in production crews. Offered in alternate years. GE credit: ArtHum | AH, DD. —W. S.

176. The Politics of Resources (4)

Lecture/discussion—4 hours. Prerequisite: course 12 or 110. Limited enrollment. Examination of the ways in which the processes of the extraction, purification and use of natural resources and the complex regimes of valuation and commodification they (re)produce lead to cooperation and conflict in contemporary Africa and beyond. GE credit: SocSci | SS, WC. —S. (S.) Adebani

177. Politics of Life in Africa (4)

Lecture/discussion—4 hours. Existing (in)capacities in the structures of state and society in Africa for people to live well. Topics include institutions and practices that define state and civil society encounters in Africa; democracy, ethnicity, economic crisis, religion, citizenship, etc. Offered in alternate years. GE credit: ArtHum or SocSci | AH or SS, WC. —(W.) Adebani

178. African Modernity and Globalization (4)

Lecture—4 hours. Prerequisite: course 12 or consent of instructor. Class size limited to 80 students. Exploration of modernity and globalization and their dimensions and impacts in/on Africa. Examination of modern necessities and constraints in Africa in relation to (neo)colonialism, transnational encounters, technology, gender, risk, ritual, identity, culture, etc. GE credit: ArtHum or SocSci | AH or SS, WC. —W. (W.) Adebani

180. Race and Ethnicity in Latin America (4)

Lecture/discussion—4 hours. The social and political effects of racial and ethnic categorization in Latin America, including issues of economic production, citizenship, national belonging, and access to resources. Emphasis is on peoples of African, Indigenous, and Asian descent. GE credit: ArtHum or SocSci, Div | SS, WC, WE. —W. (W.) Ng'weno

181. Hip Hop in Urban America (4)

Lecture—3 hours; discussion—1 hour. Prerequisite: upper division standing or consent of the instructor. Must have Junior or Senior level standing. History, aesthetics, urban context, and economics of hip-hop in the US, and its globalization. Hip-hop's four artistic elements—rap, deejaying, breakdance, and aerosol art—allow the examination of issues of race, ethnicity, and gender in youth culture and American society. GE credit: ArtHum | AH, DD, VL. —S. (S.)

182. Hip Hop Culture & Globalization (4)

Lecture—3 hours; discussion—1 hour. Prerequisite: course 181 preferable, not required. Investigation of hip-hop youth cultures outside the United States using globalization and Cultural Studies theories. Analysis of international hip-hop sites in Africa, Asia, Europe, South America, and the Middle East through reading, discussion, and visiting virtual sites. Offered in alternate years. GE credit: ArtHum, Div | AH, WC. —S. (S.) White

185. Topics in African-American Film (4)

Lecture—3 hours; film viewing—3 hours. Prerequisite: course 170; course 50 recommended. Intensive study of special topics in African American film. May be repeated one time for credit. GE credit: ArtHum, Div, Wrt | AH, DD, VL, WE. —W. (W.) Lambert, White

190. Topics in African and African-Diaspora Studies (4)

Lecture/discussion—3 hours; term paper. Prerequisite: upper division standing in African American and African Studies or consent of instructor. Intensive treatment of a special topic or problem in African or African Diaspora Studies. May be repeated one time for credit when topic differs. —S. (S.)

192. Internship in African-American and African Studies (1-8)

Internship—3-24 hours. Prerequisite: completion of 12 units of upper division study in African American and African Studies courses; upper division standing; consent of instructor. Restricted to African American and African Studies majors and minors. Supervised internship in community, government, or private institutions, in all subject areas offered by the African American and African Studies Program. May be repeated up to 12 units for credit. (P/NP grading only.)

197T. Tutoring in Afro-American Studies (1-5)

Tutoring—1-5 hours. Prerequisite: consent of major committee; upper division standing with major in Afro-American Studies. Leading of small voluntary discussion groups affiliated with one of the department's regular courses. May be repeated for credit for a total of six units. (P/NP grading only.)

198. Directed Group Study (1-5)

Prerequisite: consent of instructor. (P/NP grading only.)

199. Special Study for Advanced Undergraduates (1-5)

Prerequisite: consent of instructor. (P/NP grading only.)

Graduate**201. Critical Foundations in African American Studies (4)**

Seminar—3 hours. Prerequisite: graduate standing. Introduction to history of African American Studies. Topics include: research agendas, policy implications, debates, crises, and institutional frameworks. Offered in alternate years. —(F.)

202. Critical Foundations in African Studies (4)

Seminar—3 hours; term paper. Prerequisite: graduate standing. Introduction to the history and current organization of African Studies as area of intellectual investigation. Offers students an opportunity to review research agenda and policy implications, debates, crises, and institutional frameworks surrounding the production of knowledge about Africa. Offered in alternate years. —S. Adebani, Adejumbi

203. Critical Foundations in African Diaspora Studies (4)

Seminar—3 hours; term paper. Integrative conceptual framework includes History, Geography, Political Economy, Culture, Aesthetics as tools to investigate the African Diaspora. Students engage African Diaspora theories within their research projects understanding issues developing from the movement of Africans to the rest of the world. —S. (W.) Lambert, White

204. Methodologies in African American and African Studies (4)

Seminar—3 hours; term paper. Relationship between theory and methodology, with emphasis on identifying relevant methodological approaches and constructing theoretically informed research projects for studying the experience of people of African descent whether on the African continent or in the rest of the world. —F. Harrison, Ngweno

298A. Directed Group Study in African American and African Diaspora Studies (1-5)

Prerequisite: graduate standing. May be repeated for credit up to three times. (S/U grading only.)

298B. Directed Group Study in African Studies (1-5)

May be repeated for credit up to three times. (S/U grading only.)

299. Directed Group Study in African Studies (1-12)

(S/U grading only.)

Agricultural and Environmental Chemistry (A Graduate Group)

William R. Horwath, Ph.D., Chairperson of the Group

Group Office. 4117 Meyer Hall 530-752-4516; <http://aqchem.ucdavis.edu/>

Faculty. The more than 70 faculty in the graduate group represent at least 13 academic departments within the College of Agricultural and Environmental Sciences, the College of Letters and Science, the College of Engineering, the School of Medicine, and the School of Veterinary Medicine.

Graduate Study. The Graduate Group in Agricultural and Environmental Chemistry offers programs of study and research leading to the M.S. and Ph.D. degrees. Study relates to the chemical and biochemical aspects of foods, wine, fibers/polymers, pesticides, and environmental pollution. Detailed information regarding graduate study may be obtained at <http://aqchem.ucdavis.edu/>.

Graduate Advisers. D.O. Adams (*Viticulture and Enology*), Y. Hsieh (*Textiles and Clothing*), A.E. Mitchell (*Food Science and Technology*), T. Shimamoto M. Hengel (*Environmental Toxicology*), S. Parikh (*Land, Air and Water Resources*), W.R. Horwath (*Land, Air and Water Resources*), T. Young (*Civil and Environmental Engineering*)

Courses in Agricultural and Environmental Chemistry (AGC)

Graduate

290. Seminar (1)

Seminar—1 hour. Selected topics in agricultural and environmental chemistry, presented by students. (S/U grading only.)—F, W, S. (F, W, S.)

298. Group Study (1-5)

Prerequisite: consent of instructor. The chemistry and biochemistry of foods, nutritional chemicals, pesticides, and other special topics as they apply to agricultural and environmental chemistry.

299. Research (1-12)

Arrangements should be made well in advance with a faculty member of the Group in Agricultural and Environmental Chemistry. (S/U grading only.)

Agricultural and Environmental Education

(College of Agricultural and Environmental Sciences and School of Education)

The Major Program

The major serves those interested in teaching agricultural and environmental sciences in schools or in non-formal settings such as nature preserves, environmental camps, or other venues. This major prepares graduates to direct programs in the agricultural and environmental sciences as well as provides them with a skill set necessary to work within social science careers related to these fields. This program of study meets state and federal requirements for entry into teacher preparation in agriculture and science, as well as requirements in Career Technical Education (CTE).

The Program

The program is designed to provide students with a broad background in various agricultural and environmental science disciplines, e.g., animal science, environmental science, plant and soil science, agricultural engineering, business management, agro ecology, and horticulture. The program also focuses on the social sciences related to human resource development. The program provides students with practical experiences through fieldwork, school, and non-formal learning sites placements, or placement in sites related to a student's focus of study. Through this major students will have the opportunity to explore and then incorporate agricultural and environmental issues into educational and development settings.

Career Alternatives

The need for scientists, technicians and educators to assist in domestic and international agricultural and environmental programs has created a continuing demand for qualified instructors and supervisory personnel. This major also provides general preparation which is appropriate for work in banking, sales and service, rural recreation and related agricultural and environmental sectors. Students interested in obtaining breadth in both agricultural and environmental sciences will appreciate the scope and flexibility the major provides.

B.S. Major Requirements (AEE):

Units

Government/U.S. Constitution 4

History 17A or Political Science 1 4

Preparatory Subject Matter..... 50

A minimum of eight (8) units is required in each area of Animal Science, Agricultural Business and Economics, Applied Biological Systems Technology, Environmental Horticulture, Environmental Science and Natural Resources; and Plant and Soil Science.

Animal Science 1, 2, 21, 41	8
Applied Biological Systems Technology 16, 52, 49, 101	9
Agricultural & Resource Economics 15 and either Economics 1A or 1B	8
Environmental Horticulture 1, 6, Plant Sciences 5	9
Environmental Science and Policy 10; Environmental Toxicology 10, Hydrologic Science 10, 47	8
Plant Sciences 1, 2, 15, 49; Viticulture and Enology 2, 3	8
Science/Math Preparatory	43-45
Biological Sciences 2A & 2B	10
Chemistry 2A & 2B	10
Geology 1, 20, Soil Science 10	9
Mathematics 16A & 16B, or 17A&B, or 21A&B	6-8
Physics 7A & 7B	8
Depth Subject Matter	20
Agricultural Education 100 & 160	6
Education 110, 115, 142	10
Environmental Science and Policy 110	4

Focused Depth Subject Matter 16

The specialized focus will consist of a minimum of 16 units in one of the six areas listed below:

Agricultural Business and Economics:

Agricultural and Resource Economics 100A, 100B, 120, 130, 135, 138, 140, 150, 175, 176

Animal Science: Select upper division units from any Animal Genetics, Animal Science, Avian Sciences course or Animal Biology 102; Food Science and Technology 109; Nature and Culture 140; Neurobiology, Physiology, and Behavior 101, 121; Nutrition 115, 122, 123

Applied Biological Systems Technology:

Applied Biological Systems Technology 121, 142, 161, 165, 175, 180, 182

Environmental Horticulture: Environmental Horticulture 102, 105, 120, 129, 125, 133, 160; Nature and Culture 120, Plant Sciences 150

Environmental Science and Natural Resources:

Environmental and Resource Sciences 121, 131; Environmental Science and Policy 100, 101, 110, 116, 123, 151, 161, 170, EVE 101, 115, 134; Plant Sciences 101, 105, 110A; Wildlife, Fish, and Conservation Biology 110, 111, 120, 154

Plant and Soil Science: Plant Biology 102, 105, 116, 117, 160, 172, 176; Plant Sciences 150; Soil Science 100, 102, 118; Viticulture and Enology 101A, 101C

Restricted Electives..... 16

At least four additional upper division courses (minimum 16 units; duplicate from Depth specialization courses not counted) selected with approval of an adviser to supplement or expand depth subject matter courses chosen from Animal Biology, Animal Genetics, Animal Science, Agricultural and Resource Economics, Avian Sciences, Environmental Horticulture, Environmental and Resource Sciences, Environmental Science and Policy, Food Science and Technology, International Agricultural Development, Nature and Culture, Neurobiology, Physiology, and Behavior, Nutrition, Plant Sciences, Plant Biology, or Viticulture and Enology.

Total Units For Major.....149-151

Master Adviser. Cary J. Trexler, Associate Professor

Major Advisers. Lynn Martindale, Lecturer/Supervisor School of Education; Cary J. Trexler, Associate Professor

Undergraduate Advising Center for the major (including peer advising) is located in the Animal Science Advising Center in 1202 Meyer Hall 530-754-7915; <http://asac.ucdavis.edu/>.

Courses in Agricultural Education (AED)

Questions pertaining to the following courses should be directed to the instructor or Lynn Martindale 530-754-6655.

Lower Division

92. Internship (1-12)

Internship—3-36 hours. Prerequisite: lower division standing; consent of instructor. Supervised internship off and on campus in areas of agricultural education. (P/NP grading only.)

98. Directed Group Study (1-5)

Prerequisite: consent of instructor. (P/NP grading only.)—F, W, S. (F, W, S.)

99. Special Study for Undergraduates (1-5)

Prerequisite: consent of instructor. (P/NP grading only.)—F, W, S. (F, W, S.)

Upper Division

100. Concepts in Agricultural and Environmental Education (3)

Lecture—2 hours; laboratory—3 hours. Prerequisite: upper division standing. Philosophy and nature of formal and non-formal agricultural and environmental education programs. Emphasis on understanding the role of the teacher and observing a variety of programs. GE credit: SocSci, Wrt.—W. (W.) Martindale

160. Vocational Education (3)

Lecture—3 hours. Philosophy and organization of vocational education, with particular reference to educational principles for agriculture commerce, home economics, and industry. GE credit: SocSci, Wrt.—F. (F.)

171. Audiovisual Communications (2)

Lecture—1 hour; laboratory—3 hours. Prerequisite: upper division standing. Theory and principles of audiovisual communications. Comparison of audiovisual materials such as transparencies, slides, computer-generated graphics, and videos. Operation and use of audiovisual equipment is stressed. Offered irregularly.

172. Multimedia Productions (3)

Lecture—2 hours; laboratory—3 hours. Prerequisite: course 171 recommended. Design and production of educational, technical, and professional multimedia presentations. Instructional or professional presentations using a variety of media, including slides, video, transparencies, and computer-generated graphics. Offered irregularly. GE credit: SocSci, Wrt.

190. Seminar in Agricultural Education (2)

Seminar—2 hours. Discussion of selected critical issues in agricultural education. May be repeated for credit with consent of instructor. (P/NP grading only.)—W. (W.)

192. Internship (1-12)

Internship—3-36 hours. Prerequisite: upper division standing; consent of instructor. Supervised internship off and on campus in areas of agricultural education. (P/NP grading only.)

198. Directed Group Study (1-5)

(P/NP grading only.)

199. Special Study for Advanced Undergraduates (1-5)

(P/NP grading only.)

Professional

300. Directed Field Experience in Teaching (2)

Discussion—1 hour; field experience—3 hours. Prerequisite: course 100. Experience as teaching assistant in agriculture or home economics programs in public schools. May be repeated one time for credit. (S/U grading only.)

301. Planning for Instructional Programs (3)

Lecture—3 hours. Prerequisite: course 100; course 300 (may be taken concurrently). Major paradigms in program planning and development. Emphasis on

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

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

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