169. History of African-American Television (4)
Lecture—3 hours; discussion—1 hour. Prerequisite: course 150, 50, or
English 160 or 162, or consent of instructor. Comparative
approach to the study of African American television shows from
the 1950s to the present day. GE credit: ArtHum, Div | AH, DD, WL, VE. — W. White

170. African-American Film and Video (4)
Lecture—3 hours; film viewing—3 hours. Prerequi-
site: Film Studies 1, course 50 recommended. Com-
parative approach to the study of African American film
and video dealing with the African American experience.
GE credit: ArtHum, Div | AH, DD, WL, VE. — 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. Com-
parative approach in the study of African American film
and video dealing with the African American experience.
GE credit: ArtHum, Div | AH, DD, WL, VE. — W. Lambert, 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
new diasporas, immigration, national origin,
languages, religion, education, politics, identity,
and cultural heritage. GE credit: SocSci, Div, Wrt | ACGH, DD, SS. — S. White

175A. Black Documentary: History and Theory (4)
Lecture—3 hours; film viewing—3 hours. Prerequi-
site: Film Studies 1, course 170, course 50 recom-
mented. Black documentary history and documentary
theory. Use of black documentary for political
purposes. Offered in alternate years. GE credit: ArtHum, Div, Wrt | AH, DD, WL, VE. — W. Lambert

175B. Black Documentary Practicum (4)
Lecture—2 hours; laboratory—6 hours. Prerequisite:
course 170 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 [re]produce
cohabitation and conflict in the African world.
GE credit: SocSci | SS, WC. — S. Lambert

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 [re]produce
cohabitation and conflict in the contemporary Africa and
beyond. GE credit: SocSci | SS, WC. — S. Lambert

177. Politics of Life in Africa (4)
Lecture/discussion—4 hours. Existing @capacities in
the structures of state and society in Africa for people
to live well. Topics include institutions and prac-
tices that define state and civil society encounters in
Africa, economic crisis, environmental pollution.
GE credit: ArtHum or SocSci | AH or SS, WC. — (W) Adebawni

178. African Modernity and Globalization (4)
Lecture—4 hours. Prerequisite: course 12 or consent
of instructor. Class size limited to 80 students. Explo-
ration of modernity and globalization and their
implications, debates, crises, and institutional
frameworks. Offered in alternate years. — (F)

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, Indige-
 nous, and American descent. GE credit: ArtHum or

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,
theory, and analysis of urban context, and economics of hip-hop
in the US, and its globalization. Hip-hop's four artistic
elements—rap, deejaying, breakdancing, and aer-
asol. Focus on the implication of Individual race,
ethnicity, and gender in youth culture and American
society. GE credit: ArtHum | AH, DD, WL. — S. (S) White

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 globalizing and Cultural Studies theories. Analysis
of international hip-hop sites in Africa, Asia, Europe,
South America, and the Middle East. 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. Prerequi-
site: 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, WL, VE. — W. (W) Lambert, White

190. Topics in African and African Diaspora Studies (4)
Lecture/discussion—3 hours; term paper. Prerequisite:
upper division standing or consent of the instructor.
May be repeated one time for credit. GE credit: ArtHum,

191. 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 stand-
ing; 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.)

197. 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 depart-
ment's regular courses. May be repeated for credit
for a total of six units. (P/NP grading only.)

198. Directed Group Study in African Studies (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 the history and current organization
of African Studies as area of intellec-
tual investigation. Offers students an opportunity to review research, examine implications, debates, courses, and institutional frameworks sur-
rounding the production of knowledge about Africa.
Offered in alternate years. — S. Adebawni, Adejum-
obi

Seminar—3 hours; term paper. Prerequisite: gradu-
ate standing. Introduction to the history and current organization of African Studies as area of intellec-
tual investigation. Offers students an opportunity to review research, examine implications, debates, courses, and institutional frameworks sur-
rounding the production of knowledge about Africa.
Offered in alternate years. — S. Adebawni, Adejum-
obi

203. Critical Foundations in African Diaspora Studies (4)
Seminar—3 hours; term paper. Integrative concep-
tual framework includes History, Geography, Politi-
cal Economy, Culture, Aesthetics as tools to
investigate the African Diaspora. Students engage
African Diaspora theories within their research proj-
ets understanding issues developing from the move-
ment of Africans to the rest of the world. — W. (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 Studens (1-5)
May be repeated for credit up to three times. (S/U grading only)

298A. Directed Group Study in African American and African Diaspora 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://agchem.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 Col-
lege of Engineering, the School of Medicine, and the School of Veterinary Medicine.

Graduate Study. The Graduate Group in Agricultur-
al and Environmental Chemistry offers programs of study and research leading to the M.S. and Ph.D.
degrees. Study relates to the chemical and biochemi-
cal aspects of foods, wine, fibers/polymers, pesti-
cides, and environmental pollution. Detailed information regarding graduate study may be obtained at
http://agchem.ucdavis.edu/.

Graduate Advisers. D.O. Adams (Viticulture and
Enology), Y. Hsieh (Textiles and Clothing), A.E.
Mitchell (Food Science and Technology), T. Shiba-
moto M. Hengel (Environmental Toxicology), S.
Parikh (Land, Air and Water Resources), W.K. Hor-
ward (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)
Arrangement 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 the set of tools 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, agroecology, 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 integrate 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 and training for persons planning careers in agriculture or home economics programs in settings such as 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 the set of tools 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).

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 Econometrics, Applied Biological Systems Technology, Environmental Horticulture, Environmental Science and Natural Resources, and Plant and Soil Science.

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—3.50 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: SacSci, 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: SacSci, 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 video. 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: SacSci, 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—3.50 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...