critical theoretical approaches to these subjects [e.g., Engels, Parsons, Freud, Horkheimer, Goode, Lasch, Mitchell]. Emphasis on macro and historical questions. Offered irregularly.

242A. Methodologies of Sociological Inquiries (4)
Seminar—3 hours; term paper. Prerequisite: consent of instructor. Introduces students to research methods and case methodologies to sociological inquiries. Analytical and theoretical perspectives of the research process.

245. Developing Societies (4)
Seminar—3 hours; term paper or project. Prerequisite: student graduate or familiarity with problems developing societies. Analysis of social and economic problems facing developing societies from the standpoint of theory and research on modernization and underdevelopment.

248. Social Movements (4)
Seminar—3 hours; term paper or project. Analysis of current social movements and their impact on society. Focus on the strategies and tactics used by social movements.

254. Sociological Issues in Health Care (4)
Seminar—3 hours; term paper. Prerequisite: open to graduate or professional students. Sociological perspectives and methods directed toward health care issues.

255. Sociology of Law (4)
Seminar—3 hours; term paper. Analysis of the role of sociology in the legal process and its impact on social behavior. Will consider (1) nature and function of law, (2) the organization and administration of law, and (3) the capacity of law to affect social behavior. Offered irregularly.

265A. Classical Sociological Theory (4)
Lecture—3 hours; discussion—1 hour. Introduces graduate students to the work of the main classical thinkers in the tradition of social theory, such as Marx, Durkheim, Weber, Simmel, Freud, G.H. Mead, and Parsons, locating them within the historical, cultural, and philosophical milieu in which their ideas originated.

265B. Theory in Contemporary Sociology (4)
Lecture—3 hours; discussion—1 hour. Explores the role of sociology in contemporary social theory. Emphasizes the variations between classical sociological writings and their relations to broader theoretical concerns of contemporary social thought, with particular emphasis on relevance to the current historical, cultural, and social milieu.

270. Social Demography (4)
Seminar—4 hours. Prerequisite: course 170 or consent of instructor. Lecture and discussion. Special emphasis on fertility-related attitudes and behavior, on less-developed countries, and on contemporary empirical research. Offered irregularly.

280. Organizations and Institutions (4)
Seminar—4 hours. Theory of formal organizations and bureaucracies. Methods of research in organizational and institutional studies. Historical and comparative analysis of political, religious, educational, military, and economic structure. Offered irregularly.

288. Integrative Research Practicum (4)
Seminar—6 hours; extended study, term paper. Prerequisite: courses 207A, 242A, 292A, consent of instructor. Continuing training in field, quantitative, and/or comparative-historical methods. Emphasis on students’ research projects and applications of research design, research method, and use of data. Offered irregularly. (S.)

290. Seminar (4)
Seminar—3 hours; term paper. (S/U grading only.) Offered irregularly.

292A. Field Research (4)
Seminar—3 hours; fieldwork. Prerequisite: graduate standing in Sociology or consent of instructor. Introduction to the logic, methods, and practices of field research, with particular emphasis on the ethnographic tradition of participant observation. Offered irregularly.

293. Proseminar in Sociology (2)
Seminar—2 hours. Prerequisite: first-year Sociology graduate students. Introduction to graduate training in sociology. Seminar designed to introduce students entering graduate work in the department to ongoing research activities. (S/U grading only.) Offered irregularly.

295. Special Topics Seminar (4)
Lecture/discussion—3 hours; term paper. Prerequisite: graduate standing or consent of instructor. Research topics in Sociology. Specific topic will vary according to faculty interest and student demand. May be repeated for credit when topic differs. Offered irregularly.

298. Group Study (1-5)
Prerequisite: consent of instructor. (S/U grading only.) Offered irregularly.

299. Individual Study (1-12)
Prerequisite: consent of instructor. (S/U grading only.) Offered irregularly.

Professional

390A. The Teaching of Sociology (2)
Lecture—1 hour; discussion—1 hour. Prerequisite: graduate standing; required for first-time teaching assistants. Practical instruction in teaching methods for qualitative and quantitative courses. Pedagogical issues involved in critical sociological analysis. (S/U grading only.) Offered irregularly.

390B. The Teaching of Sociology (2)
Lecture—1 hour; discussion—1 hour. Prerequisite: graduate standing. Practical instruction in devising course syllabi, lectures and assignments for Associate-Instructors and others interested in college teaching. Discussion of pedagogical methods of teaching qualitative and quantitative courses. (S/U grading only.) Offered irregularly.

396. Teaching Assistant Training Practicum (1-4)
Prerequisite: graduate standing. May be repeated for credit. (S/U grading only.) Offered irregularly.

466. Research Paper Workshop (2)
Workshop—1.5 hours; discussion—0.5 hours. Prerequisite: Master of Arts standing. A workshop to assist advanced graduate students in the preparation of an original research paper. Students present their research papers and discuss issues in theory, research design, data, empirical inference, and verbal and written presentation of a professional research paper. (S/U grading only.) Offered irregularly.

Soil and Water Science

[College of Agricultural and Environmental Sciences]
This major has been discontinued as of Fall 2008; see Environmental Science and Management, on page 325.

Soil Science

See Earth and Planetary Sciences, on page 237; Soil Science, on page 551; and Soils and Biogeochemistry (A Graduate Group), on page 552.

Soil Science

[College of Agricultural and Environmental Sciences]

Focus

See Land, Air and Water Resources, on page 59.

Major Programs

See the Soils and Biogeochemistry track in Environmental Science and Management, on page 325.

Minor Program Requirements

The Department of Land, Air and Water Resources, Soils and Biogeochemistry Program, offers a minor program in soil science. The minor is especially geared toward students in the environmental sciences including Hydrologic Science, Environmental Science and Management, Environmental Toxicology, Ecological Management and Restoration, International Agricultural Development, Crop Science and Management, Environmental Horticulture and Urban Forestry, Geology, and Plant Biology.

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Minor Adviser

R.J. Southard (Land, Air and Water Resources)

Graduate Study

Programs of study leading to the M.S. and Ph.D. degrees in Soils and Biogeochemistry are available. Information regarding these programs can be obtained from the graduate advisers, at http://soils.ucdavis.edu/ and in the Graduate Announcement. See also Graduate Studies, on page 120.

Graduate Advisers

Randy Dahlgren and Sanjai Parikh (Land, Air and Water Resources)

Courses in Soil Science (SSC)

Questions pertaining to the following courses should be directed to the instructor, to the Resource Sciences Teaching Center in 1150 Plant and Environmental Sciences Building 530-752-1603, or see undergraduate and graduate Soils and Biogeochemistry courses at http://lawr.ucdavis.edu/undergrad_esm.htm or http://lawr.ucdavis.edu/graduate tbl.htm.

Lower Division

10. Soils in Our Environment (3)
Lecture—3 hours; independent study. Class size limited to 90 students. Soils in our global ecosystem; soils as natural bodies formed by interactive environmental processes; soil response to use and management; sustainable use of soil resources; role of soils in agricultural and environmental issues; role of soils in our daily lives. GE credit: SciEng | QL, SE, SL, —F (F) Dahlgren