

**DNCE 264 Oral History and Ethnographic Methods**

**(4)** Seminar, 3 hours; individual study, 3 hours. Prerequisite(s): graduate standing or consent of instructor. Theory and practice of oral history and ethnography as research techniques. Cultural and political perspectives on oral history and ethnography; methods for research preparation, interview procedures, transcription, editing, and legal responsibilities. Ethnographic and/or interview project and analytical paper required.

**DNCE 267 Choreographies of Writing (4)** Seminar, 3 hours; discussion, 1 hour. Prerequisite(s): graduate standing or consent of instructor. An analysis of the types of relationships that may exist between dance and text. Examines the methods and strategies for translating choreographed action into a written description of that action. Students' writing is a major focus of discussions.

**DNCE 280 Colloquium in Current Topics in Dance Research (2)** Colloquium, 2 hours. Prerequisite(s): graduate standing or consent of instructor. Presents current research topics in dance, including selected professional development workshops. Conducted by students, faculty, visiting scholars, and artists. Students attend all colloquium sessions and complete an additional written component. Course is repeatable to a maximum of 4 units.

**DNCE 290 Directed Studies (1-6)** Outside research, 3-18 hours. Prerequisite(s): graduate standing; consent of instructor and Department Chair. To be taken to meet special curricular problems. Normally graded Satisfactory (S) or No Credit (NC) only, but students may petition the instructor for a letter grade for specialized topics pursued with close faculty supervision. Course is repeatable.

**DNCE 291 Individual Study in Coordinated Areas (1-12)** Outside research, 3-36 hours. Prerequisite(s): graduate standing; consent of instructor and graduate advisor. A program of study designed to advise and assist graduate students who are preparing for written and oral qualifying examinations. Does not count toward the unit requirement for the Ph.D. degree. Graded Satisfactory (S) or No Credit (NC). Course is repeatable.

**DNCE 292 Concurrent Analytical Studies in Dance (1-4)** Outside research, 3-12 hours. Prerequisite(s): graduate standing; consent of instructor and Graduate Advisor. To be taken concurrently with some 100-series course, but on an individual basis. Limited to research, criticism, and written work of a graduate order commensurate with the number of units elected. Normally graded Satisfactory (S) or No Credit (NC) only, but students may petition the instructor for a letter grade for specialized topics pursued with close faculty supervision. Course is repeatable.

**DNCE 297 Directed Research (1-6)** Outside research, 3-18 hours. Prerequisite(s): consent of instructor and graduate advisor. Individualized studies in specially selected topics in Dance under the direction of a faculty member. Graded Satisfactory (S) or No Credit (NC). Course is repeatable.

**DNCE 298-I Individual Internship (1-4)** Internship, 3-12 hours; term paper, 3 hours; written work, 3 hours. Prerequisite(s): graduate standing or consent of instructor. Individual study or apprenticeship with an appropriate professional individual or organization to gain experience and skill in activities related to dance studies. Graded Satisfactory (S) or No Credit (NC). Course is repeatable to a maximum of 12 units.

**DNCE 299 Research for the Thesis or Dissertation (1-12)** Outside research, 3-36 hours. Prerequisite(s): consent of thesis or dissertation director. Research for and preparation of the thesis or dissertation. Graded Satisfactory (S) or No Credit (NC). Course is repeatable.

## Professional Courses

**DNCE 301 Seminar in Dance Studies Pedagogy and Professional Development (4)** Seminar, 3 hours; consultation, 1 hour. Prerequisite(s): graduate standing or consent of instructor. Prepares for the teaching of dance studies in an academic setting and for participating in the dance studies profession. Includes creating course syllabi, discussing a range of practical teaching and professionalization issues, and developing skills necessary to succeed in the academic field of dance. Graded Satisfactory (S) or No Credit (NC). Course is repeatable to a maximum of 8 units.

**DNCE 302 Teaching Practicum (1-4)** Lecture, 1-4 hours. Prerequisite(s): graduate standing. Supervised teaching in upper-division Dance History and lower-division Dance courses. Must be taken at least once by all teaching assistants. Graded Satisfactory (S) or No Credit (NC). Course is repeatable.

## Earth Sciences

**Subject abbreviation: GEO**  
**College of Natural and Agricultural Sciences**

David D. Oglesby, Ph.D., Chair  
Mary L. Droser, Ph.D., Vice Chair  
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### Professors

Mary L. Droser, Ph.D.  
Marilyn L. Fogel, Ph.D.  
Nigel C. Hughes, Ph.D.  
Gordon Love, Ph.D.  
Timothy W. Lyons, Ph.D.  
Richard A. Minnich, Ph.D.  
David D. Oglesby, Ph.D.  
Andrew Ridgwell, Ph.D.  
Peter M. Sadler, Ph.D.

### Professors Emeriti

Shawn Biehler, Ph.D.  
Lewis H. Cohen, Ph.D.  
James H. Dieterich, Ph.D.  
Wilfred A. Elders, Ph.D.  
Harry W. Green, II, Ph.D.  
Tien-Chang Lee, Ph.D.  
Michael A. Murphy, Ph.D.  
Stephen K. Park, Ph.D.  
Michael O. Woodburne, Ph.D.

### Associate Professors

Robert J. Allen, Ph.D.  
Gareth Funning, Ph.D.  
Michael A. McKibben, Ph.D.

### Assistant Professors

Nicolas Barth, Ph.D.  
Andrey Bekker, Ph.D.  
Maryjo N. Brounce Ph.D.  
Heather Ford, Ph.D.  
Abhijit Ghosh, Ph.D.  
Sandra Kirtland Turner, Ph.D.

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### Adjunct Professors

Larissa F. Dobrzynetskaya, Ph.D.  
Douglas M. Morton, Ph.D.

### Adjunct Assistant Professors

Elizabeth Cochran, Ph.D.  
Katherine J. Kendrick, Ph.D.  
Thomas A. Scott, Ph.D.

## Majors

The Department of Earth Sciences offers B.S. degrees in Earth Sciences, Geology and Geophysics. These degree programs are designed for students with a strong interest in acquiring academic understanding and relevant vocational training in the Earth Sciences, and for students interested in secondary teaching with a science emphasis. The B.S. programs include fieldwork with field courses, and field trips in all appropriate courses.

## Academic Advising

Undergraduate advising in the Department of Earth Sciences is designed to allow close professional contact with faculty and staff. Counseling on graduation, departmental requirements and enrollment is handled by the major's professional academic advisors housed in the CNAS Undergraduate Academic Advising Center and the faculty undergraduate advisor for each major.

Faculty undergraduate advisors counsel students on career goals and research opportunities. The department recommends that students meet with their faculty advisor at least once each quarter to clarify career objectives and revise the program of study so it is commensurate with the developing interests and objectives of the student.

## Teaching Credential

Teachers in the public schools in California must have a credential approved by the State Commission on Teacher Credentialing. The credential requires an undergraduate major, baccalaureate degree, and completion of a graduate credential program such as that offered by the Graduate School of Education at UCR.

Before admission and student teaching in a graduate credential program, the candidate must pass the California Basic Education Skills Test (CBEST) and demonstrate subject-matter proficiency by passing an examination. All candidates for a multiple subject credential to teach in the elementary grades must pass the Multiple Subjects, California Subject Exam for Teachers (CSET). Students are urged to start early, preferably as freshmen, selecting courses most helpful for this career. Details and counseling on the Prepare to Teach Program, a program for the multiple subject credential, are available in the Office of Interdisciplinary Programs, 2417 Humanities and Social Sciences, (951) 827-2743. Details and counseling on other programs are available in the Department of Earth Sciences or the Graduate School of Education.

UCR does not yet have a state-approved subject matter undergraduate program for earth science majors who wish to teach at the secondary level. The Teaching Credential in Science, geoscience authorization, is required for teachers who want to teach earth science/geoscience in middle school and high school. Students who plan to get this credential must take the CSET exams in Geosciences and should make certain their academic program includes preparatory course work. The