



California State University, Fresno

Kremen School of Education and Human Development	250
Education Departments and Programs	251
Liberal Studies	255
Teaching	257
Graduate Education	264
Credentials	266
Certificates	269
Master's Degree Programs	271
Doctorate Program	277
Education Courses	280
College of Engineering	296
Departments	297
Civil Engineering	300
Construction Management	304
Electrical and Computer Engineering	307
Geomatics Engineering	312
Mechanical Engineering	315
Engineering — Graduate Programs	320
College of Health and Human Services	322
Communicative Disorders and Deaf Studies	323
Gerontology	331
Health Science	333
Kinesiology	339
Nursing	347
Physical Therapy	357
Recreation Administration and Leisure Studies	365
Social Work Education	370
Health — Interdisciplinary Courses	375
College of Science and Mathematics	376
Biology	377
Biotechnology	389

Chemistry	390
• Forensic Science	393
Computer Science	398
Earth and Environmental Sciences	403
Mathematics	410
Physics	416
Psychology	423
Science and Mathematics — Interdisciplinary Courses and Programs	431
College of Social Sciences	434
Africana and American Indian Studies	435
Anthropology	439
Asian American Studies	444
Chicano and Latin American Studies	445
Criminology	449
Economics	457
Geography	461
History	466
Political Science	473
• International Relations — Graduate Program	475
• Public Administration — Graduate Program	476
Social Sciences Programs	481
Sociology	482
Women's Studies	486
Special Programs	490
Division of Graduate Studies	498
University Administration	512
Policies and Regulations	515
Faculty, Administration, Emeriti	520
Subject Index	550
Campus Directory	560
Campus Map	Inside Back Cover

Vol. CII • May 2008

The *General Catalog* is prepared under the supervision of the Office of the Provost and Vice President for Academic Affairs and the Office of the Dean of Undergraduate Studies with assistance from Dr. Jeri Echeverria and Dr. Dennis Nef.

**Interim Assistant Vice President
for University Communications**
Shirley Armbruster

Catalog Editor
April Schulthies

Catalog Assistant
Brianna Simpson

Cover Design
Todd Graves

Catalog Photographer
Brianna Simpson

**Photographer,
Teaching, Learning, and Technology,
California State University, Fresno**
Randy Vaughn-Dotta

**Contributing Photographers,
University Communications,
California State University, Fresno**
Megan D. Jacobsen, *News Student Intern*
Tom Uribes, *Public Information Specialist*

Contributing Photographer
Kelly Peterson

Print Consultant
Sheila Sweet,
Sinclair Printing, Los Angeles