

cultures of African American, Asian American, Chicano/Latino, and Native American ethnic groups. E. Native American History and Research; F. Asian American Studies; G. Chicano Psychology; K. Chicano Sociology; N. Chicano Literature: A Comparative Approach; R. Research Methodology; S. Black Aesthetics. *E, G, and K fulfill the Social Sciences requirement, F, N, and S fulfill the Humanities requirement, and R fulfills no requirement for the College of Humanities, Arts, and Social Sciences.*

ETST 192H. Junior Honors Seminar (4) Seminar, 3 hours; term paper, 3 hours. Prerequisite(s): junior standing or consent of instructor. Advanced research in various fields of faculty interest and expertise. Students are required to complete a research paper utilizing primary and secondary documents and other sources. Seminar focus varies from year to year. Course is repeatable to a maximum of 12 units. *Fulfills either the Humanities or Social Sciences requirement for the College of Humanities, Arts, and Social Sciences, but not both.*

ETST 193. Senior Research Seminar (4) Seminar, 3 hours; term paper, 3 hours. Prerequisite(s): senior standing or consent of instructor. Advanced research in various fields of faculty interest. Students are required to complete a research paper and present their results in the seminar. Topics vary from year to year. Course is repeatable to a maximum of 8 units. *Fulfills either the Humanities or Social Sciences requirement for the College of Humanities, Arts, and Social Sciences, but not both.*

ETST 198G. Group Internship (1-12) Internship, 2-24 hours; outside research, 1-12 hours. Prerequisite(s): upper-division standing; consent of instructor. On- or off-campus internship related to the interests of core ethnic-group students under the joint direction of an on- or off-campus supervisor and an Ethnic Studies faculty member. Course is repeatable to a maximum of 16 units. *Does not fulfill the Humanities or Social Sciences requirement for the College of Humanities, Arts, and Social Sciences.*

ETST 198-I. Individual Internship (1-12) Internship, 2-24 hours; outside research, 1-12 hours. Prerequisite(s): upper-division standing; consent of instructor. On- or off-campus internship related to the ethnic community, conducted under the joint direction of an on- or off-campus supervisor and an Ethnic Studies faculty member. Requires a report based on the experience. Course is repeatable to a maximum of 16 units. *Does not fulfill the Humanities or Social Sciences requirement for the College of Humanities, Arts, and Social Sciences.*

Graduate Courses

ETST 202. Sociocultural Theories in Ethnic Studies (4) Seminar, 3 hours; outside research, 3 hours. Prerequisite(s): graduate standing. Examines theoretical approaches to the study of race and ethnicity in the United States. Assesses the relative strengths and weaknesses of key theoretical paradigms. Instructor will select from symbolic interaction, phenomenology, class analysis, sovereignty, literary criticism, feminism, psychoanalysis, racial formation, critical race theory, postmodernism, or global or transnational perspectives. May be taken Satisfactory (S) or No Credit (NC) with consent of instructor and graduate advisor.

ETST 255. Critical Issues in Asian American Studies (4) Seminar, 3 hours; individual study, 3 hours. Prerequisite(s): graduate standing. Examines and seeks to develop a critical appreciation of research literature on Asians in America and to develop alternative interpretations of the Asian American

experience. Topics include Asian American history, economic, political, social, and psychological issues.

ETST 256. Critical Issues in Asian Pacific American Communities (4) Seminar, 3 hours; practicum, 3 hours. Prerequisite(s): graduate standing. Examines contemporary issues facing Asian Pacific American communities. Students engage in active research in these communities.

ETST 289. Colloquium in Ethnic Studies (1) Colloquium, 1 hour. Prerequisite(s): graduate standing or consent of instructor. Lectures and discussions by students, faculty, and invited scholars on selected topics. Graded Satisfactory (S) or No Credit (NC). Course is repeatable to a maximum of 6 units.

ETST 290. Directed Studies (1-6) scheduled research, 3-18 hours. Prerequisite(s): graduate status and consent of instructor. Research and special studies in Ethnic Studies. Graded Satisfactory (S) or No Credit (NC). Course is repeatable.

Professional Course

ETST 302. Teaching Practicum (1-4) Practicum, 3-12 hours. Prerequisite(s): limited to teaching assistants; graduate standing. Supervised teaching in lower- and upper-division courses. Required of all Ethnic Studies teaching assistants. Graded Satisfactory (S) or No Credit (NC). Course is repeatable.

Evolution, Ecology, and Organismal Biology

[See Biology \(Graduate Program\)](#)

Genetics, Genomics, and Bioinformatics

Subject abbreviation: GEN
College of Natural and Agricultural Sciences

Isgouhi Kaloshian, Ph.D., Director
Program Office, 1140 Batchelor Hall
(800) 735-0717 or (951) 827-5688
www.ggb.ucr.edu

Professors

Peter W. Atkinson, Ph.D. (Entomology)
Julia N. Bailey-Serres, Ph.D. (Botany and Plant Sciences)
Nancy E. Beckage, Ph.D. (Entomology/Cell Biology and Neuroscience)
Katherine A. Borkovich, Ph.D. (Plant Pathology)
James Borneman, Ph.D. (Plant Pathology)
Timothy J. Close, Ph.D. (Botany and Plant Sciences)
Donald A. Cooksey, Ph.D. (Plant Pathology)
David E. Crowley, Ph.D. (Environmental Sciences)
Darleen A. DeMason, Ph.D. (Botany and Plant Sciences)
Shou-Wei Ding, Ph.D. (Plant Pathology)
David A. Eastmond, Ph.D. (Cell Biology and Neuroscience)

Norman C. Ellstrand, Ph.D. (Botany and Plant Sciences)
Brian A. Federici, Ph.D. (Entomology)
Daniel R. Gallie, Ph.D. (Biochemistry)
Theodore Garland, Ph.D. (Biology)
Sarjeet S. Gill, Ph.D. (Cell Biology and Neuroscience)
Manuela Martins-Green, Ph.D. (Cell Biology and Neuroscience)
Cheryl Hayashi, Ph.D. (Biology) John M. Heraty, Ph.D. (Entomology)
Jodie S. Holt, Ph.D. (Botany and Plant Sciences)
Anthony H. C. Huang, Ph.D. (Botany and Plant Sciences)
Bradley C. Hyman, Ph.D. (Biology)
Tao Jiang, Ph.D. *President's Chair* (Computer Science)
Howard S. Judelson, Ph.D. (Plant Pathology)
Bai-Lian "Larry" Li, Ph.D. (Botany and Plant Sciences)
Keh-Shin Lii, Ph.D. (Statistics)
Xuan Liu, Ph.D. (Biochemistry)
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Natasha Raikhel, Ph.D. (Botany and Plant Sciences)
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Zhenbiao Yang, Ph.D. (Botany and Plant Sciences)
Jian-Kang Zhu, Ph.D. *President's Chair* (Botany and Plant Sciences)

Associate Professors

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Paul B. Larsen, Ph.D. (Biochemistry)
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Ernest Martinez, Ph.D. (Biochemistry)
Frank Sauer, Ph.D. (Biochemistry)
Patricia S. Springer, Ph.D. (Botany and Plant Sciences)

Assistant Professors

Jeffrey B. Bachant, Ph.D. (Cell Biology and Neuroscience)
Chia-en Angelina Chang, Ph.D. (Chemistry)
Xingping Cui, Ph.D. (Statistics)
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