The Marlan and Rosemary Bourns College of Engineering, with five academic departments, continues to grow. A total of 1,616 undergraduate and 186 graduate students studied there during the 2001–2002 academic year.
About this Catalog

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About the Cover

Front Clockwise from top left, students Alicia Summerville, Education; Susy Allen, karate; Casandra Reeves, varsity basketball; Emily Sandoval, English; Leanne Ulrich and Adam Duffy, Dance; Xuan "Eric" Zhang, Engineering; Matt Van Dam, Entomology.

Back Clockwise from top left, students Brian Moore and Talia Adams, Dance; Juan Carlos Ramirez, Management; Lynn Piliitteri, Botany; Dominique Rissolo, Anthropology; Eunice Kim, Chemistry; Keith Bayan, taiko player; and Chris Piro, intramural roller hockey.

Roller hockey and taiko photos by Michael Capriotti; all other photos by Steve Walag.

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1 Administrative Studies, and Law and Society are only offered as a major combined with other programs.
2 Applications are not accepted from students wishing to work toward the master's degree only.
3 New student registration in this program is not open at present.
4 See Graduate School of Education section for credential program information.
# Degrees

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5 Also joint programs with teaching fields of Anthropology, Biology, English, French, Geological Sciences, German Studies, History, Mathematics, Music, Political Science, Psychology, Sociology, and Spanish.

6 New student registration in this program is not open at present. For further information, contact the Graduate Division.

7 Doctoral studies are available through the Ph.D. program in Comparative Literature.

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## Undergraduate Minors

- African American Studies
- Anthropology
- Art History
- Asian American Studies
- Asian Studies
- Botany and Plant Sciences
- Business Administration
- Chemistry
- Chicano Bilingual-Bicultural Studies
- Chicano Studies
- Chinese
- Classical Studies
- Computer Science
- Creative Writing
- Dance
- Economics
- English
- Entomology
- Environmental Sciences
- Ethnic Studies
- Film and Visual Culture
- French
- Germanic Studies
- History
- International Relations
- Italian Studies
- Japanese
- Journalism
- Latin American Studies
- Lesbian, Gay, Bisexual, Intersexual, and Transgender Studies
- Marxist Studies
- Mathematics
- Music
- Native American Studies
- Neuroscience
- Philosophy
- Political Science
- Psychology
- Religious Studies
- Russian Studies
- Sociology
- Spanish
- Statistics (Applied)
- Theatre
- Urban Studies
- Western American Studies
- Women’s Studies
Welcome to the University of California, Riverside, an outstanding university with superb faculty and extensive facilities for teaching and research. UCR is also a place where students can find mentors and make lifelong friends. Perusing this catalog will illuminate the vast array of disciplines, curricula, and majors and minors available at UCR. We encourage all of our students to become involved in discovery and the creative pursuit of knowledge. Opportunities abound for students at all levels to work with faculty, to publish papers, and to present results at professional meetings.

Our commitment to undergraduate education is demonstrated across the curriculum. Senior faculty teach our introductory courses, and freshman are encouraged to take seminars where they analyze and discuss current topics. We have a number of distinctive undergraduate degree programs, including Biomedical Sciences, Computer Engineering, Creative Writing, Music and Culture, Native American Studies, and Political Science/International Affairs. Many programs allow students to choose specialized options that best suit their needs.

UCR has a long tradition of strong scientific research at the undergraduate and graduate level. Our rapidly-growing engineering school is exploring new technical fields. We also offer M.F.A. programs for those interested in making a career in the arts and renowned research opportunities in the humanities and social sciences. The Graduate School of Education prepares students for careers as teachers and administrators, and the Graduate School of Management trains entrepreneurs and executives.

Students at UCR have many chances to become involved and make a difference. UCR students tutor community youngsters, providing them with positive role models. Our campus also has approximately 200 service clubs, student organizations, and recreational groups. Each offers our diverse student body the chance to learn new skills and have fun, while serving the campus and community.

If you want to know more, contact our faculty and staff. Our goal is to offer you the highest quality education in a supportive community where people care about you and your success. These pages will enable you to discover our presence at the forefront of teaching, research, public service, and collegiate life. We hope you will join us and take part in the vibrant life of our campus.
PRINCIPLES OF COMMUNITY

The University of California, Riverside is a diverse community of people from all racial, ethnic, and socioeconomic backgrounds; national origins; religious and political beliefs; physical abilities; and sexual orientations. The everyday interactions on this campus are enriched by our acceptance of one another, and we strive to learn from each other in an atmosphere of positive engagement and mutual respect.

Implicit in this mutual respect is the right to live, study, teach, and work in an environment that is free from harassment or denigration on the basis of race, age, religious preference, gender, sexual orientation, or national origin. Any violation of this right — verbal or written abuse, threats, harassment, intimidation, or violence against person or property — will be considered a violation of the principles of community that are an integral part of the University of California’s focus, goals, and mission. Such behavior will be discouraged by the university to the full extent of its power.

THE UNIVERSITY OF CALIFORNIA

The University of California, composed of academic colleges, professional schools, divisions, departments of instruction, museums, libraries, research institutes, bureaus and foundations, and the University of California Press, is situated on the nine campuses throughout the state: Berkeley, Davis, Irvine, Los Angeles, Riverside, San Diego, San Francisco, Santa Barbara, and Santa Cruz. The university also maintains several field stations of the Agricultural Experiment Station in various parts of the state. A tenth campus is being developed in Merced and is expected to open Fall 2004.

Governance

Under the state constitution, governance of the university is entrusted to the Board of Regents. The Regents appoint the president of the university, and with the president’s advice, the officers of the university. Among these are the vice presidents, the chancellors, and the directors of the major laboratories. The Regents also directly appoint the principal officers of the Regents: the general counsel, the treasurer, and the secretary. The Regents of the University of California and the administrative officers are listed in the back of this catalog.

Authority in academic matters is delegated by the Regents to the Academic Senate, which consists of faculty and certain administrative officers. The Academic Senate determines academic policy for the university as a whole, sets conditions for admission and the granting of degrees, authorizes and supervises courses and curricula, and advises the university administration on faculty appointments, promotions, and budgets.

Students participate in policy making at both the campus and universitywide levels.

UC RIVERSIDE

History and Development

Academic divisions of the University of California, Riverside include the College of Natural and Agricultural Sciences; the College of Humanities, Arts, and Social Sciences; The Marlan and Rosemary Bourns College of Engineering; the Graduate School of Education; The A. Gary Anderson Graduate School of Management; the Division of Biomedical Sciences; and the Graduate Division. The campus features the Citrus Research Center–Agricultural Experiment Station, Air Pollution Research Center, UCR/California Museum of Photography, Center for Ideas and Society, Center for Social and Behavioral Science Research, Institute of Geophysics and Planetary Physics, Centers for Water and Wildland Resources and eight sites in the UC Natural Reserve System, including the Philip L. Boyd Deep Canyon Desert Research Center. The campus is also home to the regional headquarters of Cooperative Extension and a branch of University Extension, which includes Summer Sessions.

The roots of the campus date back to 1907 when the California State Legislature established the Citrus Experiment Station to conduct research on the agricultural problems of Southern California. Graduate work was conducted early in the station’s history, and today, graduate education is central to its mission.

In 1948 the Regents approved the establishment of the College of Letters and Science. Necessary legislation was passed by the Academic Senate in 1951, and the college opened for classes in February 1954. The Riverside campus was declared a general campus by act of the Regents in 1959, with a mandate to develop appropriate areas of study. In 1960, the Graduate Division was established, and graduate and professional programs were added.
The Campus

www.ucr.edu

The 1,200-acre Riverside campus of the University of California is conveniently located approximately 50 miles east of Los Angeles within easy driving distance to most of the major cultural and recreational offerings in Southern California. In addition, it is virtually equidistant from the desert, the mountains, and the ocean.

The city of Riverside, with the UCR campus on its eastern edge, is accessible by several main highways. The nearby Ontario International Airport has daily flights to most of the nation’s major cities as well as connecting commuter flights to the Los Angeles International Airport. Metrolink train service is available to Los Angeles.

Adjoining the campus is University Village, a retail and office complex, a joint project between UCR, the city of Riverside, and a private developer. The project includes 10 theaters, some used during the day as UCR classrooms. UCR and other professional offices, restaurants, and retail shops are also part of the complex.

Enrollment at UCR is presently about 14,500, approximately 11 percent of whom are graduate students. The campus continues to expand, with a number of buildings being constructed or remodeled. These include academic settings such as laboratories, libraries, and performing arts studios, as well as housing and recreational facilities. Prominent features of the campus include the 161-foot carillon tower, the Botanic Gardens, and acres of citrus groves.

Accreditations

UCR is a member of the Western Association of Schools and Colleges (WASC). The campus is fully accredited by the Senior Commission of WASC. This accreditation requires periodic review in accord with WASC policies and standards. WASC is located at 985 Atlantic Avenue, Alameda, CA 94501, (510) 748-9001. In addition, the Biomedical Sciences Program is accredited by the Association of American Medical Colleges; the B.S degree (or equivalent program) in Chemistry has been certified by the American Chemical Society as meeting its standards; the credential programs of the Office of Teacher Education Services are approved by the Commission on Teacher Credentialing; and the B.S. degrees in chemical, computer, electrical, environmental, mechanical and computer engineering are accredited by the Engineering Accreditation Commission of the Accreditation Board for Engineering and Technology (ABET).

UNIVERSITY LIBRARY

Director: Ruth Jackson, Ph.D.
Access electronic resources and hours at library.ucr.edu

The University Library is the focal point for research and study at UCR. Its collections include 2,081,146 volumes, 12,444 serial subscriptions, and 1,672,042 microforms housed in four facilities: the Tomás Rivera Library (serving the humanities, arts, and social sciences), the Science Library, the Music Library, and the Media Library. The library makes extensive use of information technology, including INFOMINE, an innovative Internet Web index and search engine created by the library to provide easy access to electronic information resources throughout the world; MELVYL, the online union catalog to the collections of the UC libraries; Scotty, the online catalog of UCR library collections; and the California Digital Library, which licenses and provides Web access to various electronic resources (indexing and abstracting services, full text databases, and other reference tools).

Circulation Services in all campus libraries are responsible for checking out materials, renewing materials, maintaining the collections, and providing information on the circulation status of library materials.

Education Services — second floor, Rivera Library — offers curriculum materials, textbooks currently in use in local schools, and a children’s literature collection to support the work of students in the Graduate School of Education’s teaching credential program.

Government Publications The University Library is a depository for both United States and California state government publications. The main collection, located in the Government Publications department on the first floor of the Rivera Library, also contains documents from local and foreign governments and international organizations as well as extensive law resources. Census and other statistics, records of legislative bodies and judicial courts, social and economic studies, scientific investigations, reports of special commissions, and a myriad of electronic information sources in CD-ROM format can be found in the department. The Science Library contains extensive collections of documents relating to the natural and agricultural sciences.

Interlibrary Loan Service locates and borrows needed materials not held at the UCR library. Staff at interlibrary loan offices in the Rivera Library and in the Science Library search nationwide to obtain volumes or photocopies of articles for faculty, staff, and students.
The Media Library — 1001 Humanities and Social Sciences, (909) 787-5606 — includes a wide variety of entertainment and educational programs, as well as computer-assisted instruction programs. Films and tapes can also be rented from off-campus sources. With its audiovisual equipment and media collections, the Media Resources Library serves as a walk-in playback center for the campus community.

The Music Library — 054 Arts Building, (909) 787-3137 — houses 26,713 scores, 11,603 sound recordings, and 3,654 compact discs. Current issues of selected music journals, a small reference book collection, listening facilities, and computer workstations are also available.

Photocopying Photoduplication and microfilm copying services are provided in the Rivera and Science libraries. In addition, coin-operated copying machines are located on each floor of these libraries.

Reference Services Reference librarians in the Rivera and Science libraries assist students, faculty, and staff in identifying and locating information and provide advisory services, including instruction in research strategies. All reference points offer either direct or mediated access to a number of electronic information sources. Questions may also be sent via E-mail to the Rivera Library (rivref@library.ucr.edu), the Science Library (sciref@library.ucr.edu), and the Music Library (muslib@library.ucr.edu). At the invitation of faculty members, librarians offer students instruction in the resources and research strategies appropriate to the subject of the course during a regular class session. A credit course, HASS 005 (Library Research Strategies), is offered periodically.

Reserve Services are offered in all libraries. Faculty members may place materials on reserve in support of their classes. Some reserve materials are also available at library.ucr.edu/depts/reserves.

The Rupert Costo Library of the American Indian — Special Collections, fourth floor, Rivera Library, (909) 787-3233 — consists of about 7,000 volumes and more than 9,000 documents, pamphlets, tape recordings, slides, and artwork. The library is one of the most important collections of research materials relating to Native Americans in the United States and the world.

The Science Library — (909) 787-2821 — features seating for 1,500 users, state-of-the-art information technology, and electronic readers. Its collections of 469,983 volumes and 2,956 serial subscriptions support the life and physical sciences, including engineering, agriculture, and medicine. The Map Room, with a collection of 98,849 maps and atlases, is located on the ground floor.

Special Collections — fourth floor, Rivera Library, (909) 787-3233 — houses rare books, manuscripts, and other unique or fragile materials. The J. Lloyd Eaton Collection of science fiction, fantasy, horror, and utopian literature comprises 84,000 volumes ranging from the seventeenth century to today. The Thomas Hardy and Ezra Pound Collections include printed and manuscript materials. Special Collections administers the University Archives. Outstanding holdings include the Sadakichi Hartmann Archive, the Heinrich Schenker Archive (part of the Oswald Jonas Memorial Collection), and prominent collections on Paraguay; Paris; photography; B. Traven; Victoria, Edward, and Queen Anne; the Panama Canal; national socialism; and local history.

COMPUTING AND COMMUNICATIONS

Associate Vice Chancellor: Charles Rowley, M.B.A.
Computing and Communications Building: (909) 787-4741; cnc.ucr.edu

Computing and Communications (C&C) focuses on multiple areas: Faculty and Student Technical Services, Institutional Computing, Communications, Microcomputer Support Group, Media Resources, Center for Visual Computing, and Client Server/Technology. Some of C&C’s services are as follows.

Faculty and Technical Services — help desk (909) 787-3555; helpdesk@ucr.edu — provides consultations and support for faculty desktop computer and networking needs. Consultants offer instructional technology (IT) support, which includes posting course materials on the Web, and assistance with statistical packages and other site license software.

The Center for Visual Computing — (909) 787-2483; cvc.ucr.edu — provides visualization services ranging from high-end 3-D graphics and animations, complete Web design and development, illustrations for research and recruitment purposes, and brochures and posters for marketing, in addition to multimedia creations and CD authoring. It also provides Web programming and maintenance of Web site content and images.

Communications Services — (909) 787-4624; dormtel@pop.ucr.edu — provides the data and voice communication needs for the campus. It provides telephone service and Internet access in Aberdeen-Inverness, Lothian, and Pentland Hills residence halls. Students are billed monthly for telephone charges. Voice mail is also available for a monthly service charge. Telephone service information is mailed to incoming residence hall students at the beginning of each new academic year. Internet access is provided in the Grandmarc Apartments, International Village, and Stonehaven Apartments for UCR student residents.
Digital Video and Videoteleconference Services — (909) 787-3041 — provides faculty and staff with award-winning broadcast-quality video recording and editing services for television and Web distribution as well as dedicated and portable videoteleconferencing services for instructional or administrative support.

The Microcomputer Support Group — helpdesk (909) 787-3555; helpdesk@ucr.edu; css.ucr.edu — provides computer desktop support to all faculty and staff via on-site calls, walk-in, telephone, and remote control. Technicians support hardware, software, and networking. The group also facilitates the Microcomputer Support Specialist program, which provides decentralized departmental support.

Media Resources — (909) 787-3041 — supports five areas: Distance Learning; the Media Library; Media Production, which consists of Video; Media Services, which provides classroom equipment; and Engineering and Technical Support, which services existing equipment and recommends equipment for new campus buildings.

Student Computing Services — (909) 787-6495; helpdesk@student.ucr.edu; scs.ucr.edu — provides microcomputer facilities and services for currently enrolled UCR students. All equipment and software availability and operating hours are posted on the Web site. Computers are available in Watkins Hall, the A. Gary Anderson Graduate School of Management, the Statistics-Computer Building, Sproul Hall, the Arts Building, and the Humanities and Social Sciences Macintosh Lab. The Student Alpha Server is the E-mail server for students running the PINE E-mail program. At kiosks available in 2101 Watkins, 2225 Sproul, 014 AGSM, and 2680 Statistics-Computer students can look up their e-mail addresses, reset their passwords, and resolve account and password problems.

CULTURAL RESOURCES

Sweeney Art Gallery
Director: Katherine Warren, M.A.
Watkins House
3701 Canyon Crest Drive
(across from the Arts Building)
(909) 787-3755; sweeney.ucr.edu

The Sweeney Art Gallery’s exhibitions, publications, educational programs, and collections form one of the most public faces of the Riverside campus. Open since 1963, the gallery develops and presents exhibitions of contemporary and historical works of art. Approximately 10 exhibitions are mounted each year, along with a changing exhibition space dedicated to the display of the permanent collection.

The gallery also functions as a laboratory for training future museum and other professionals. Working with faculty members from various academic departments, the gallery staff offer special courses and internships on topics ranging from public relations to art-historical research to exhibition installation. Additionally, by presenting the annual senior thesis exhibition, the gallery provides an initial display venue for student artists in the Department of Art. There are employment opportunities for students, and student volunteers are always welcome.

For program information or to inquire about job, internship, or volunteer opportunities, call (909) 787-3755. The gallery also offers membership to students at a reduced rate. Get the most current exhibition information online at sweeney.ucr.edu.

UCR/California Museum of Photography
Director: Jonathan W. Green, M.A.
3824 Main Street
Riverside, CA 92501
(909) 784-3686; www.cmp.ucr.edu

Since its inception in 1973, the UCR/CMP, located in Riverside’s downtown arts and entertainment district in an award-winning renovated dime store, has grown into a major photography exhibition and study center for the West Coast. It has one of the most extensive exhibition programs and one of the largest and finest collections of photographs, cameras, and related material anywhere in the world. The museum offers temporary exhibitions that explore the relationship of photography and digital media to politics, art, and society. It also hosts performance art and new music events. Its permanent collection holds nineteenth- and twentieth-century fine art photographs, the Keystone-Mast stereoview collection, and the Bingham camera collection. The museum also maintains one of the most frequently visited art museum Web sites in the world, with more than three million “hits” each month at www.cmp.ucr.edu. The Digital Studio allows for computer-based creative expression through hands-on access to new imaging technologies.
MEDIA RESOURCES
mediaresources.ucr.edu

Media Resources, an academic support unit for instruction and research, assists faculty and students in the creation and use of media for class presentations, for documentation of research, and for the promotion and public services needs of the campus. The department is divided into five units: Media Services, the Media Library, Distance Learning, Video Production, and Engineering and Technical Services.

Distance Learning — B221 Sproul — oversees the following technological resource systems: videoconferencing, instructional television, and satellite programming. Through videoconferencing, UCR faculty, staff, and students can connect to others within the UC system, as well as throughout the state, nation and world. A multipurpose facility, the Distance Learning classroom/studio center, is located in A139 Olmsted Hall. The Distance Learning offices create and distribute live or prerecorded instructional video programs locally, within California, or worldwide. Facilities for videoconferencing via telephone lines, classroom production for local broadcast or taping, and reception of satellite programming are located on campus. Hours: 8 a.m. to noon and 1 p.m. to 5 p.m. weekdays.

Engineering and Technical Services — B221 Sproul — repairs and maintains audiovisual and television equipment for the department. The unit also plans and installs media systems and advises on equipment purchases. Hours: 8 a.m. to noon and 1 p.m. to 5 p.m. weekdays.

Media Library — 1001 Humanities and Social Sciences — stores the University Library’s collection of films, audio and video cassettes, and other media materials for the campus. The Media Library serves as a walk-in playback center for all these materials and for items placed there on reserve. VHS, BETacam, U-Matic, laser disc, DVD, and audio cassette equipment are available for use. This unit also orders rental films and videos for instruction. Hours: 8 a.m. to 8 p.m. weekdays (Fridays until 5 p.m.); 1 p.m. to 5 p.m. weekends. Hours are adjusted for Summer Sessions.

Media Services — B221 Sproul — provides audiovisual equipment and assistance for instruction and special events. Hours: 8 a.m. to noon and 1 p.m. to 5 p.m. weekdays.

Video Production Services — B221 Sproul — are responsible for creating new media materials in a wide variety of formats in consultation with faculty, the administration, or other patrons. Hours: 8 a.m. to noon and 1 p.m. to 4 p.m. weekdays.

SUPPLEMENTARY EDUCATION PROGRAMS

English as a Second Language

International Education Programs
UCR Extension Center
1200 University Avenue
Riverside, CA 92507-4596
(909) 787-4346; fax (909) 787-5796
uciep@ucr.ucr.edu; www.ucextension.net/iep

University Extension offers a complete intensive program in English as a Second Language for foreign students preparing to enter an American college or university, or for professionals who need improvement in English. See International Education Programs under the University of California Extension listing or the address above for more information.

Reserve Officers’ Training Corps

UCR does not have a Reserve Officers’ Training Corps (ROTC) program. Students may, however, with the permission of the dean of their college, enroll in ROTC courses at another institution while completing their degree programs at UCR. Students interested in Air Force ROTC should contact the Undergraduate Admissions Office at (909) 787-3411 regarding concurrent enrollment procedures. Those interested in Army ROTC should contact the Office of the Registrar at (909) 787-3409 for information on cross registration. Descriptive pamphlets summarizing the programs are available at the UCR Career Center. Representatives from the participating ROTC programs also make regular visits to UCR to provide information to prospective students.

Air Force ROTC (AFROTC) offers two-, three-, and four-year programs leading to a commission as a second lieutenant in the U.S. Air Force. The program is open to almost all students pursuing baccalaureate and graduate degrees. Classes consist of one hour of academics and two hours of leadership laboratory per week for freshmen and sophomores, and three hours of academics and two hours of leadership laboratory per week for juniors and seniors. The program offers various one- to four-year scholarships covering up to 100% annual tuition, along with a nontaxable monthly stipend. Scholarships are not required to participate in the program. The program is offered at California State University, San Bernardino. For more information contact the Department of Aerospace Studies at (909) 880-7322 or afrotc@csusb.edu.

Army ROTC Through arrangements with Claremont McKenna College and the Department of Military Science at California State University, San Bernardino, two- and four-year Army ROTC (AROTC) programs are available to all qualified UCR students. Academic units earned in the program may be counted as elective units toward fulfillment of UCR graduation requirements. Successful completion of the

Students at a pizza party in the International Village residence. Designed for participants in UCR Extension’s Intensive English Program, the 92-unit complex houses students from all over the world.
AROTC program, upon graduation, leads to a commission as a Second Lieutenant with subsequent service on active duty or assignment to an Army Reserve unit. Scholarships for two and three years are available to qualified students. A monthly $250 to $350 subsistence allowance is paid during the last two years of the program. Simultaneous participation in a reserve unit and the AROTC program is allowed; participants are eligible to receive pay from both programs. Interested students may obtain more information by calling Claremont McKenna College, (909) 621-8102 or 621-8103.

Summer Sessions and Special Programs

Director: Curtis E. Grassman, Ph.D.
UCR Extension Center
1200 University Avenue
Riverside, CA 92507-4596
(909) 787-3044; summer.ucr.edu

Two five-week Summer Sessions are held each year on the UCR campus.

Who May Attend? Anyone who is a high school graduate or at least eighteen years of age may attend. In addition, high school students who have at least a 3.5 GPA average in all college preparatory subjects may apply to the Summer Academy for Advanced High School Students. It is not necessary for a student to be admitted to the university to attend Summer Sessions, nor does admission to a Summer Session constitute admission to a regular session of the university.

Credits, Grades, and Units All UCR courses are normally transferable to other institutions and applicable to degree programs. For UCR students, credits and grades are automatically placed on their official transcript and record without any necessity to transfer them. UCR continuing students wishing to take courses in excess of 9 units per session must have the approval of their college dean; all other students must have the permission of the director of Summer Sessions.

Fees for a Summer Session are the same for California residents and nonresidents but differ depending on UC matriculation. These fees are competitive and based upon a per-course tuition basis. Special discounts apply for UCR students, career staff employees, and senior citizens.

University Honors Program

2316 Olmsted Hall
University of California
Riverside, CA 92521-0115
(909) 787-5323; fax (909) 787-5320; honors@ucract.ucr.edu; honors.ucr.edu

Excellent students in most undergraduate programs in the colleges of Humanities, Arts, and Social Sciences; Natural and Agricultural Sciences; and Engineering can participate in the University Honors Program (UHP). The lower-division curriculum emphasizes special seminars, projects, and classes designed to introduce honors students to the rewards of scholarship and research. The upper-division provides the student with the framework to produce a thesis or project under the supervision of a faculty advisor.

- Freshmen are admitted to the lower-division UHP on the basis of high school academic and extracurricular records
- Continuing UCR students with an excellent academic record may apply or be nominated to participate in the upper-division UHP whether or not they completed the lower-division UHP
- Junior transfer students with excellent academic records may also apply or be nominated to the upper-division UHP.

The program offers a variety of extracurricular activities. It publishes a student-edited newsletter; provides guidebooks, catalogs, and test schedules; and offers clerical help for honors students applying to graduate and professional schools. A reading room, seminar room, and lounge and work space with computer facilities are available to honors students.

UC Riverside Extension

Dean: John F. Azzaretto, D.P.A.
1200 University Avenue
Riverside, CA 92507-4596
(909) 787-4105; fax (909) 787-7374 moreinfo@ucx.ucr.edu; www.ucextension.net

University Extension is the part of the university that provides education to students not enrolled at UCR, making the scholars, research, and resources of the university available to young people and adults. Although a large proportion of Extension students have attended college, most Extension programs are open to anyone who seeks higher education.

Degree Credit Credit earned in certain Extension courses may be applicable to degree requirements at the time of admission to the university. (See University of California Extension Courses in the Curricula and Courses section.) Students who have earned credits through Extension and want to have these credits applied to degrees or who are interested in earning credits through Extension that meet
degree requirements should check with the Admissions Office about the applicability of such credit. Resident students in the university wishing to apply Extension credit to degree requirements must have advance approval from the dean of their college or division before enrolling in Extension courses. University Extension offers degree credit, postgraduate continuing education credit, and noncredit programs for pursuit of intellectual and cultural interests, professional and career advancement, and examination of topical thinking on public affairs and urban problems.

**Programs** are offered in nearly all disciplines, including anthropology, animal science, art, earth science, economics, education, engineering, English, environmental sciences, history, human resources, law, literature, management, mathematics, music, philosophy, plant sciences, political science, psychology, real estate, sociology, urban studies and the natural sciences. They vary in length and format, from one-day conferences and short lecture series to courses lasting more than one quarter and certificate programs requiring more than two years.

**International Education Programs**

- International Education Programs
  - UCR Extension Center
  - 1200 University Avenue
  - Riverside, CA 92507-4596
  - (909) 787-4346; fax (909) 787-5796
  - ucr.iep@ucr.edu; www.ucrextension.net/iep

International Education Programs (IEP) offer a wide variety of English language programs and short-term career programs for international students and professionals. All programs are offered on a year-round basis. The duration of each program varies from three weeks to one year.

The following programs are offered:

- Intensive English
- Conversation and American Culture
- English for International Business
- University Preparation
- Teaching English to Speakers of Other Languages (TESOL)
- Design-Your-Own Program
- several Intensive Professional Programs in law, global business management, and global information technology management

IEP offers support services such as program orientation, housing assistance, immigration advising, social activities, and counseling for those interested in studying at an American college or university.

For catalogs and literature describing these services in detail, write to University of California Extension at any of the following addresses: University of California Extension, Berkeley 94720; Davis 95616-9988; Irvine 92716; Los Angeles 90024; Riverside 92507-4596; Santa Barbara 93106; San Diego 92093; Santa Cruz 95064.

**UC Washington Center**

UC Washington Center Program Director: Sharon V. Salinger, Ph.D.
3405 Humanities and Social Sciences
(909) 787-3683; sharon.salinger@ucr.edu; washingtoncenter.ucr.edu

This program provides undergraduate students with a multidimensional educational experience in Washington, D.C. Students undertake academic pursuits as well as cultural and social activities. The program combines course work with field research and internship experience. Students also tour local sites and dialogue with distinguished professionals in the Speaker Series.

All majors can benefit from the program. Art, art history, and dramatic arts students can intern at the numerous arts organizations, from the Kennedy Center to the Shakespeare Theatre to the Capital Children’s Museum. The National Institutes of Health offer internships for pre-medical and science students. Geography and anthropology students can intern at the National Geographic Society or the Smithsonian Institution. History students can work in many archives and museums. Besides internships, living in the Washington metropolitan area offers a unique experience much like spending a quarter abroad. The nation’s capital is a diverse and dynamic city with a myriad of cultural and government-related activities.

The UC Washington Center is in downtown Washington, six blocks from the White House. This innovative teaching and research facility shared by the other UC campuses has classrooms, faculty and staff offices, a small library, a modern computer lab, and a student lounge. Participants of the Washington Center program also have borrowing privileges at the undergraduate library at Georgetown University in Washington, as well as the Library of Congress.
About UC Riverside

A unique experience much like living in the Washington area through the UC Washington Center Program offers a nonprofit, collegiate honors organization.

Besides internships, living in the Washington area through the UC Washington Center Program offers a unique experience much like spending a quarter abroad.

Photo by Michael Campbell

Academic Program

Students may enroll in 12 to 16 units of course credit for the quarter.

Internship (4–8 units) The focal point of the academic program is the internship, based on the students' interests and major, and is arranged before the student leaves for Washington. See box for sample internships.

Interdisciplinary Seminar (optional if enrolled in 8 units of internship) Provides students with the opportunity to examine aspects of the Washington, D.C. area, including cultural, political, and governmental institutions as well as the arts and media. Students are introduced to a variety of sites and speakers and asked to explore one topic.

Electives (4–5 units) Students choose their third course from electives offered by UC faculty in residence in Washington. See box for sample electives.

The quarters in D.C. are extended to approximately 12 weeks, so they may begin or end on dates different from the regular UCR quarter. Students live in UC-arranged housing, together with students from all the participating UC campuses, to experience a social and intellectual community throughout the quarter.

Academic Planning/How to Apply

Interested students should consult well in advance with their academic advisors and the UCR director of the Washington Center Program to determine how participation in the program will affect their degree progress. Consult washingtoncenter.ucr.edu for application deadlines and information on how to apply.

Eligibility and Selection

Selection of participants in the Washington Center Program is subject to the following minimum requirements: 3.00 cumulative GPA from the time of application through departure and junior or senior standing during the participating quarter. In addition to academic criteria, the selection committee will consider the student’s seriousness of purpose, maturity, and the capacity to adapt to a study-quarter away.

Financial Matters

Washington Center Program participants pay the same UC and campus fees and are responsible for room and board, books, and personal expenses. The only additional cost directly related to the program is round-trip transportation.

Many forms of financial assistance are available to participants. Students who receive state and federal financial aid may use their scholarships, grants, and loans to finance their quarter away. Students who receive financial aid may also be eligible for funds from the President’s Washington Scholarship. Other support may also be available; students should consult with the director of the program for more information.

HONORARY SOCIETIES

Alpha Lambda Delta is a national society that honors academic excellence during a student’s first year in college. Its purpose is to encourage superior academic achievement among students in their first year in college, to promote intelligent living and a continued high standard of learning, and to assist women and men in recognizing and developing meaningful goals for their roles in society. First-year students with a first-quarter minimum 3.5 GPA are invited to join.

Gamma Beta Phi is a national collegiate honorary and service society recognizes and encourages educational excellence, develops leadership and character in its members, and fosters, disseminates, and improves education through appropriate service projects. Gamma Beta Phi is committed to educational excellence, good character, and service. This coeducational society recognizes undergraduate and graduate students ranking in the top 20 percent of their class. New members are selected every spring quarter.

Gamma Sigma Delta is an honor society dedicated to recognizing academic achievement and accomplishment of students, faculty, and others whose work has contributed to agriculture. Nominees for membership in the UCR chapter must show potential for agricultural research or have contributed to the advancement of agricultural research or agriculture. Each year, an alumnus award is presented to an outstanding recent UCR Ph.D. graduate who has made significant contributions to agriculture since leaving the campus. The UCR chapter also presents a Graduate Dissertation Award each year to recognize outstanding UCR dissertation research in the agricultural sciences, as well as a Distinguished Science Award and an Extension Award. The chapter encourages early interest in agricultural sciences through science fair awards to elementary, middle, and high school students with projects related to agriculture.

Golden Key International Honour Society is a nonprofit, collegiate honors organization. Each year, the top 15 percent of undergraduate juniors and seniors (part time and full time) from all academic disciplines are invited to join Golden Key. The one-time membership fee is for life. Golden Key invites its members to participate voluntarily in local chapter service, academic, and social activities. Benefits include scholarship opportunities, leadership, service, job contacts, exclusive national discounts, and an extensive worldwide network of members. Each year, two scholarships are assigned to outstanding recent UCR Ph.D. graduates.
specifically to UCR members. For more information visit goldenkey.gsu.edu or contact the UCR Honors Program at 2316 Olmsted Hall, (909) 787-5323.

Omicron Delta Kappa, the National Leadership Honor Society, was founded to recognize leadership of exceptional quality and versatility in college, including representatives in all phases of college life; that those representatives should cooperate in a worthwhile endeavor; and that outstanding students, faculty, and administrators should meet on a basis of mutual interest, understanding and helpfulness. Men and women undergraduate students, graduate students, faculty, staff, and alumni of UCR are all welcome to apply during each spring quarter. Undergraduate students must be at least in their junior year, and have a minimum cumulative GPA of 3.0 or higher. Members are selected on the basis of academic achievement, proven leadership ability, and diverse involvement in campus organizations.

Order of Omega is a national honor society founded by a group of outstanding fraternity men, who felt that individuals in the Greek community should be recognized for their service to the fraternity system and the university. The Order of Omega honors only the top 3 percent of the university Greek population for excellence in academics, leadership and campus/community service. A senior member of a social Greek letter organization who has maintained a minimum 3.0 cumulative GPA is eligible to apply. New members are selected every spring quarter.

Phi Beta Kappa may elect approximately 10 percent of seniors majoring in liberal subject areas of the arts and sciences. Scholarly achievement, character, and broad cultural interests are the bases for election by UCR's Iota Chapter. Grades earned in applied or professional courses are not counted in computing GPA. All prospective members must have the equivalent of level four (intermediate skill level) of a foreign language and some significant evidence of breadth through courses beyond those required for the major or by the student’s college or other demonstration of academic excellence across a diversity of fields. Students in the College of Humanities, Arts, and Social Sciences are strongly encouraged to take courses in each of the following fields: mathematics, biological sciences, and physical sciences. Likewise, students in the College of Natural and Agricultural Sciences must have breadth beyond their own college demonstrated by taking courses in humanities, arts, and/or social sciences areas. A few students with exceptionally good records may be elected during their junior year.

The Society of Sigma Xi, founded in 1886, is an international honorary organization rewarding excellence in research and encouraging companionship and cooperation among scientists in all fields. Nominations to membership are according to the candidates’ potential and demonstrated capacity for scientific research. Each year the UCR chapter sponsors one seminar speaker of scientific interest to both the university and local community. The Sigma Xi chapter recognizes the need to encourage science teachers in public schools and young scientists at the elementary, high school, undergraduate, and graduate levels in all scientific areas. The latter is accomplished through national fellowships to deserving young scientists engaged in research and, at the local level, by recognition of their accomplishments.

UNIVERSITY ADVANCEMENT

University Advancement has primary responsibility for informing the public of university achievements, events, and issues; coordinating campus–community relations; and generating maximum external support for the university. Headed by the Vice Chancellor for University Advancement, the office comprises the following major units:

Alumni and Constituent Relations provides administrative liaison and support for the UCR Alumni Association. Established in 1955, the association is a separately incorporated nonprofit organization that represents the interest of UCR's nearly 50,000 alumni on important campus issues and keeps them in touch with their alma mater. The office also plays an active and supportive role with UCR students and their parents through its work with the Student Alumni Association and the Parents Association.

The Development Office actively encourages private financial support for the campus from individuals, corporations, and foundations. Within the office are specialists in planned, major, and annual giving, and corporate and foundation relations. The office also coordinates all efforts to support the activities of the UC Riverside Foundation.

Event Management and Protocol makes arrangements for ceremonies and special programs such as commencement, the Chancellor’s Associates Gala, the Press-Enterprise Scholars’ Banquet, Bourns Science and Engineering Day, and various special events hosted by the chancellor.

Finance and Administration provides resource management, strategic planning, and administrative support to the programmatic activities of the University Advancement division. The office also coordinates and manages the financial and investment activities of the UC Riverside Foundation, along with providing gift administration and information systems support for all private support activity of the UCR campus.

Professor of English
Emory Elliott received University Professor status as a scholar of international distinction who is also a teacher of exceptional ability.
Government and Community Relations is responsible for outreach to local, state, and federal leadership. The office also establishes and maintains a liaison with area and regional business and industry leaders. Additionally, it coordinates the activities of university-affiliated groups and other support groups including the Affiliates and the Citizens University Committee. The office also coordinates the activities of the University/Eastside Community Collaborative (UECC). UECC/Americorps is a community service program that offers UCR students and residents of the city of Riverside an opportunity to serve the community through tutorial, community building, and educational events.

Office of Marketing and Media Relations develops and promotes the UCR image and brand identity. Its Print Communications unit publishes a fact sheet, a campus map, the Fiat Lux magazine, and the Campus Guide and Telephone Directory, among other publications. The Internet Development unit is responsible for the top level of UCR’s Web site, including the events calendar (events.ucr.edu) and campus news (info.ucr.edu). The Creative Design Services unit coordinates the production of university publications for campus departments and provides professional design and production services.

OFFICE OF ECONOMIC DEVELOPMENT AND REAL ESTATE SERVICES
B-206 Highlander Hall; (909) 787-3323; edres.ucr.edu

Economic Development and Real Estate Services is responsible for developing private/public partnerships to expand UCR’s academic and research opportunities. The office is also responsible for coordinating redevelopment, economic improvement, and real estate initiatives on or near the university to provide opportunities for the campus community. The focus is on developing relationships that create intellectual partnerships with local industries, faculty, and students.

Regional Technology Strategy These partnerships include the development of intellectual linkages with local technology-based companies, resulting in smarter growth, a stronger economy, and internships and job opportunities for students. As part of its regional technology strategy, the office is developing the University Research Park (nied.ucr.edu/research_park), Riverside Community Online (www.rcol.org), and a regional online technology job/internship site.

Redevelopment Projects enhance the quality of life around the campus. One such initiative is University Village, a partnership between UCR, the city of Riverside, and a private developer, Southland Land Corporation. Other linkages with the community involve the sharing and licensing of university-owned copyrights and trademarks through the use of legal documents drafted by this office.

Real Estate Services includes leasing, purchase and sale, and other real estate transactions for the campus and the UC Riverside Foundation. Initiatives have included third-party housing projects such as Stonehaven and International Village.

CAMPUS TOURS
For reservations and information contact
Special Events and Tours; (909) 787-5045
tourUCR@pop.ucr.edu; tour.ucr.edu

Anyone can take advantage of a campus tour: prospective students, new faculty members, or visitors to the area. Walking tours are offered Monday through Friday and selected Saturdays. Reservations are required for both individual and group tours.

Undergraduate twins Alex (left) and Matt Van Dam at work in the laboratory of Dr. John Heraty (rear), a systematist, in the new Entomology Building. The building houses 20 research groups whose interests range from molecular entomology through population biology to systematics.
Research Opportunities

RESEARCH CENTERS AND INSTITUTES
The history of the Riverside campus dates back to the Citrus Experiment Station with its mission to research agricultural problems. Today, the Citrus Research Center–Agricultural Experiment Station (CRC–AES) conducts studies of more than 230 crop commodities. The center’s projects cover a diverse range of topics that emphasize basic science and its applicability in solving various agricultural problems. Research results are disseminated to other scientists, farmers, and the public.
The CRC–AES and other centers at UCR are described in the following sections.

Agricultural Research Institute for Deserts
Director: Michael E. Stanghellini, Ph.D.
michael.stanghellini@ucr.edu; arid.ucr.edu
The Agricultural Research Institute for Deserts promotes interdisciplinary research, service, and educational programs on sustainable and integrated practices that enhance the long-term viability of desert agriculture. Desert agriculture encompasses both production and aesthetic/amenity interests, and includes the relationship of agriculture to the environment and natural resources.

Air Pollution Research Center
Director: Roger Atkinson, Ph.D.
roger.atkinson@ucr.edu; cnas.ucr.edu/~aprc/aprc.html
The principal mission of the center is to conduct fundamental and applied research in atmospheric science. These studies include such phenomena as biogenic or anthropogenic emissions, physical and chemical removal and transformation processes, and effects on vegetation of chemicals and particles emitted or formed in the atmosphere.

Bourns College of Engineering–Center for Environmental Research and Technology
Director: Joseph M. Norbeck, Ph.D.
1084 Columbia Avenue
Riverside, CA 92507
(909) 781-5791; fax (909) 781-5790
info@cert.ucr.edu; cert.ucr.edu
The Bourns College of Engineering-Center for Environmental Research and Technology (CE-CERT) is a model for partnerships among industry, government, and the academic community and is one of California’s premier facilities for research into air pollution control and energy efficiency. CE-CERT is divided into three laboratories:
• emissions and fuels research
• environmental policy, atmospheric processes, and modeling
• transportation systems and vehicle technology research
CE-CERT maintains a full-time, permanent staff of researchers, in addition to participating faculty, who conduct research projects and operate the laboratories. These engineers and scientists collaborate with colleagues from all departments in the Bourns College of Engineering, other schools and colleges on campus, and other institutions around the world. They also supervise research by graduate and undergraduate students.

Center for Asian Pacific America
Director: Deborah Wong, Ph.D.
1422 Olmsted Hall
(909) 787-3726; deborah.wong@ucr.edu
www.ucr.edu/ethnomus/capa/CAPA98.html
The Center for Asian Pacific America (CAPA) supports research in Asian American studies in the broadest sense. Faculty involved with CAPA have identified sites of common interest and inquiry from the divergence of an array of fields. A current focus is the arena of public culture, including such diverse topics as Asian American political life, the changing sociological landscape, the renaissance of expressive culture, and the increasing hegemony of media representation and its self-referentiality.

Engineering major Howard Smith and his senior project, which examined bow to muffle sound waves. Smith’s partner was Heath Kula.
Center for Bibliographical Studies
Director: Henry L. Snyder, Ph.D.
2338 Olmsted Hall
(909) 787-5841; fax (909) 787-4120
www.cbsr.ucr.edu

The Center for Bibliographical Studies supports research and publication by faculty and students in bibli-ography and the history of the book. It is based upon three internationally renowned programs. The English Short Title Catalog (EngSTC) is a landmark national bibliography. A reference and research tool of unprecedented power and versatility, it is designed to record every item within its scope published in Great Britain or its dependencies in the eighteenth century in a machine-readable, on-line file. The California Newspaper Project (CNP) is the state segment of the United States Newspaper Project, a national effort to record the surviving issues of all newspapers published in the United States in the national serials database. The CCILA aims to catalog Latin American imprints from American and European holdings through 1850.

Center for Conservation Biology
Director: Michael Allen, Ph.D.
(909) 787-5484

The center assists in the conservation and restoration of species and ecosystems by facilitating the collection, evaluation, and dissemination of scientific information. The center identifies new and existing research priorities in conservation biology and inaugurates new research programs. Many activities of the center are regional, centered on the diverse species and habitats that form the natural heritage of Southern California.

Center for Exotic Pest Research
Director: Michael Rust, Ph.D.
michael.rust@ucr.edu; cnas.ucr.edu/~cnas/centers/cepr.html

Through this center, entomologists, botanists, biologists, nematologists, and plant pathologists from UCR head up collaborative efforts with other UC scientists as well as with state and federal government researchers to define and implement critical research on pests introduced into California that present risks to public health and economically important plants.

Center for Family Studies
Director: Ross D. Parke, Ph.D.
Olmsted Hall, Third Floor
(909) 787-3655; ross.parke@ucr.edu; chass.ucr.edu/csbsr/family.html

The Center for Family Studies creates an interdisciplinary context devoted to the research and dissemination of new advances in knowledge about the contemporary family. The goals of the center are focused on significant advances in family theory, research, and treatment requiring an interdisciplinary approach to family issues. A variety of disciplines, including anthropology, education, history, sociology, and psychology, are represented in the center.

Center for Ideas and Society
Director: Emory Elliott, Ph.D.
227 Highlander Hall C
(909) 787-3987; fax (909) 787-6377
ideassoc@citrus.ucr.edu; IdeasAndSociety.ucr.edu

The Center for Ideas and Society promotes and advances collaborative humanistic research and study at UCR as well as nationally and internationally. It is especially interested in fostering inquiry from multiple perspectives and disciplines and in furthering more robust and nuanced understandings of topics than is frequently possible within traditional disciplines. Individual research projects sponsored by the center need not be interdisciplinary, comparative, or collaborative, but the center does encourage resident scholars to present their subjects within research groups representing several disciplinary points of view. Currently, the center holds grants from the Ford and Rockefeller foundations that are used to offer fellowships, conferences, lectures, and research group opportunities. It is hoped that opportunities stemming from the various programs establish new directions for research in many fields.

Center for Nanoscale Science and Engineering
Director: Robert C. Haddon, Ph.D.
robert.haddon@ucr.edu

The colleges of Natural and Agricultural Science and Engineering have collaborated in establishing this UCR research center. UCR engineers, physicists, computer scientists, neuroscientists, biologists, chemists, and biomedical scientists explore nanoscale materials, such as organic compounds with electronic properties, and the use of these compounds in developing new or improved technologies.
Center for Plant Cell Biology
Director: Natasha Raikhel, Ph.D.
genomics.ucr.edu/centers/plantcell
This new center unites biochemists, cell biologists, and botanists in examining plant systems, such as their signaling and trafficking pathways involved in seed production, photosynthesis, and tissue secretions, and the ways in which these processes are regulated at the molecular and cellular level. Research in this area has applications for agriculture but also for human biology, as it can shed light on the genetic adaptations occurring in response to changing environmental or climatic conditions.

Center for Research in Intelligent Systems
Director: Bir Bhanu, Ph.D.
B232 Bourns Hall
(909) 787-3954; fax (909) 787-2425; cris.ucr.edu
The Center for Research in Intelligent Systems (CRIS) promotes interdisciplinary research for developing computer systems that are flexible, adaptive, and intelligent. CRIS involves an interdisciplinary team of UCR faculty members from seven departments (Electrical Engineering, Computer Science, Psychology, Economics, Statistics, Mathematics, and Management). The ultimate goal of the center is the research and development of autonomous/semiautonomous systems with sensing capabilities that are able to communicate and interact with other intelligent (biological and artificial) systems.

Center for Social and Behavioral Science Research
Director: Max Neiman, Ph.D.
3620 Humanities and Social Sciences
(909) 787-2196; max.neiman@ucr.edu; chass.ucr.edu/csbr
The center conducts investigation in a broad range of disciplinary and interdisciplinary fields and brings together groups of scholars to build projects of common interest. The center’s core research focuses on policy evaluation of issues related to the cultural, social, political, and environmental conditions that affect the inhabitants of the United States.

Center for Social and Economic Policy
Director: Richard Sutch, Ph.D.
4404 Humanities and Social Sciences
(909) 787-4365; csep.ucr.edu
The center conducts policy analysis and research using quantitative, historical, and social scientific approaches. It brings the expertise and nonpartisan perspective of the university’s faculty to policy making, the news media, and the public. It also assists faculty in integrating policy analysis into courses and teaching students the basics of policy analysis. The center also provides access for faculty and graduate students to large-scale longitudinal and historical data collections relevant to social and economic policy concerns.

Center for Technology Development
Director: William T. Frankenberger, Jr., Ph.D.
william.frankenberger@ucr.edu; ctd.ucr.edu
The Center for Technology Development focuses faculty research strengths in agriculture, environmental science, biomedical science, and informatics that could be used to create or utilize new technology. Faculty from the colleges of Natural and Agricultural Sciences, and Engineering also work with local industry, venture capitalists, and Inland Empire educational institutions to improve the biotech infrastructure in the region and to enhance K-12 teacher training and student education.

Citrus Research Center and Agricultural Experiment Station
The Citrus Research Center and Agricultural Experiment Station (CRC–AES) is a branch of the University of California’s Statewide Agricultural Experiment Station, the nation’s largest land-grant experiment station, and the research arm of the University of California’s Division of Natural and Agricultural Sciences, headquartered in Oakland.

The mission of the CRC–AES and Cooperative Extension (see separate listing) is to
• discover and advance knowledge in the agricultural and environmental sciences,
• provide leadership in the dissemination and application of research-based knowledge to the people of California, and
• provide opportunities for education and preparation of tomorrow’s leaders in agricultural and environmental sciences.

Today the major programmatic strengths of the CRC–AES are in plant sciences, desert agriculture, pest and disease management, invasive species research, and environmental and natural resource science.

The research staff of the CRC–AES comprises about 100 scientists who are engaged in studies of fundamental problems of cellular and molecular biology, plant and invertebrate animal ecology, and basic
aspects of plant breeding, culture, and protection. Most of the research staff teach both undergraduate and graduate students in the College of Natural and Agricultural Sciences. Their familiarity with current research problems and solutions strengthens academic programs and provides instruction and training for approximately 480 students in 22 graduate programs.

The CRC–AES and the College of Natural and Agricultural Sciences together maintain 1,720 acres of land for agricultural research. This includes 420 acres immediately adjacent to the campus, 760 acres at the Moreno Ranch field station, and 540 acres in the Coachella Valley. The regional office of Cooperative Extension is also located on the UCR campus. CRC–AES scientists, in carrying out their research tasks, work closely with the 17 Cooperative Extension offices in the Central Coast and South Region, campus-based specialists, and regional county advisors to ensure a continuous flow of information from research programs to the public, the agricultural industry, and students.

Costo Historical and Linguistic Native American Research Center
Director: Clifford E. Trafzer, Ph.D.
7708 Humanities and Social Sciences
(909) 787-5401, x1974; clifford.trafzer@ucr.edu

The Costo Center seeks to advance scholarship in Native American Studies, with a particular focus on California Indians and native peoples of the Pacific Rim. It builds on the expertise of faculty from several departments and the unique resources of the Rupert Costo Library of the American Indian, a collection housed in the Special Collections Library.

Ernesto Galarza Applied Research Center
Director: Carlos Vélez-Ibáñez, Ph.D.
3609 Humanities and Social Sciences
(909) 787-2196; cvelez@mail.ucr.edu; chass.ucr.edu/csbsr/galarza.html

The mission of the Ernesto Galarza Applied Research Center is to
• develop applied research, training, and practicing projects and programs that contribute to the intellectual growth and social well-being of the Mexican/Latino populations
• initiate and improve the formation and implementation of local, state, national, and transnational practices and policies that contribute to the educational, economic, ecological, health, labor, and technological advancement of Mexican/Latino communities of the United States and transnationally, when possible,
• provide maximum opportunities for faculty and students to become engaged in research, training, teaching, and application of policy and practices on topics central to the center.

Institute of Geophysics and Planetary Physics
Director: Gary Zank, Ph.D.
gary.zank@ucr.edu; cnas.ucr.edu/~igpp

The Institute of Geophysics and Planetary Physics (IGPP) promotes basic research at UCR into the structure, origin, and evolution of the universe. In pursuit of this mission, IGPP research extends from the earth’s core to the far reaches of space. Interdisciplinary research by faculty and students of the colleges of Natural and Agricultural Sciences and Humanities, Arts, and Social Sciences focuses on astrophysics, space physics, solid earth geophysics, geochemistry, archeometry, and tectonophysics. The IGPP has other branches on the Los Angeles, San Diego, and Santa Cruz campuses and at the Los Alamos National Laboratory and Lawrence Livermore National Laboratory.

The IGPP has two centers — the Center of Plasma and High Energy Astrophysics and the Center for Earthquake Physics. It manages UCR’s Central Facility for Advanced Microscopy and Microanalysis (also known as the UCR Analytical Electron Microscopy Facility), which houses state-of-the-art transmission and scanning electron microscopes, a new laser-confocal microscope, and other microanalytical facilities, and the ElectroMagnetic Studies of Continents pool of electromagnetic instruments (see vortex.ucr.edu for details).

Institute for Research on World-Systems
Director: Christopher Chase-Dunn, Ph.D.
College Building South
(909) 787-2062; chriscd@mail.ucr.edu; irows.ucr.edu

The Institute for Research on World-Systems (IROWS) organizes collaborative research among social, biological, and physical scientists on long-term, large-scale social change and its ecological, geographical and epidemiological causes and effects. Research foci include globalization; urbanization and settlement systems; human interaction networks; the rise and fall of cities, states, and empires; climate change; and human-microbe interactions.
Robert Presley Center of Crime and Justice Studies  
Director: Robert Nash Parker, Ph.D.  
2159 College Building South  
(909) 787-2196; robnp@aol.com; chass.ucr.edu/csbsr/presley.html

The center’s guiding purpose is to generate knowledge essential for the formation and implementation of effective crime prevention and control policies. It encourages and facilitates research in the social sciences on basic and policy-related questions regarding justice, legal concepts and processes, social deviance and control, and research strategies for addressing such questions.

The UC Center for Water Resources  
Director: John Letey Jr., Ph.D.  
john.letey@ucr.edu; waterresources.ucr.edu

The UC Center for Water Resources is a universitywide unit comprising the Water Resources Center, Salinity and Drainage Research Program, and Water Quality Program. The centers support research, extension, and educational activities on a broad spectrum of water topics.

UC Institute for Mexico and the United States (UC MEXUS)  
Director: Juan-Vicente Palerm, Ph.D.  
3324 Olmsted Hall  
(909) 787-4753; fax (909) 787-3856  
ucmexus@ucrac1.ucr.edu; ucmexus.ucr.edu

UC MEXUS was established in 1980 to identify, focus, and augment the resources of the campuses of the university as they relate to research, education, creative activity, and public service concerning Mexico and people of Mexican origin. UC MEXUS seeks to identify, encourage, secure financial support for, and publicize programs that promise to contribute substantially to scholarship, enhance university instruction (particularly in graduate and professional areas), improve binational understanding, and make positive contributions to society in Mexico and the United States. The institute facilitates, supports, and promotes work in the following areas:

- Mexico’s history, society, politics, culture, arts, and economy.
- Contemporary and historical economic, political, demographic, and cultural interactions between the United States and Mexico.
- The history, society, culture, and condition of Mexican-origin populations in the context of American society and institutions and their interaction with other U.S. immigrant groups.
- Urgent policy-related (public policy or scientific) topics affecting Mexico, the United States and Mexico, the United States–Mexico relationship, or Mexican-origin populations in the United States.
- Collaborative work between the University of California and Mexican scientists in the social, physical, biological, engineering, health, agricultural, and marine sciences, as well as in the arts and humanities.

The UCR Genomics Institute  
Director: Michael T. Clegg, Ph.D.  
michael.clegg@ucr.edu; genomics.ucr.edu

UCR has launched an initiative to foster research in genetics, proteomics, and bioinformatics as a means of understanding and exploiting the genetic processes of plants, insects, animals, humans, and pathogens. The institute includes the Core Instrumentation Lab, with advanced technology in DNA sequencers and analyzers, microarray systems, and DNA colony pickers. Graduate training in genomics and bioinformatics is offered through the Genetics Graduate Program of the College of Natural and Agricultural Sciences.

Women in Coalition Research Center  
Director: Piya Chatterjee, Ph.D.  
(909) 787-5219

The center seeks to promote dialogue between scholars, activists, and policy makers about gender, race, and class inequities within domestic, transnational, and international contexts. As such, it focuses on women’s participation in grassroots organizations, nongovernmental organizations and educational institutions throughout the world and from underrepresented communities within the United States to produce knowledge about women’s efforts to ameliorate conditions of everyday life for themselves, their kin, and their communities. Coalition building is the practical core of its work. Activities include conferences, seminars, public performances and exhibitions, scholar/community intellectuals-in-residence programs, and public lectures.
ADDITIONAL RESEARCH RESOURCES

Botanic Gardens
Director: J. Giles Waines, Ph.D.
(909) 787-4650

The UCR Botanic Gardens are divided into two parts: 1) the landscaped area around the campus buildings demonstrating the use of a wide assortment of plants that grow well in the inland area of Southern California, and 2) more than 40 acres of gardens along the eastern boundary of the campus. The entrance of this second part may be reached by following the road leading southeast from parking lots 10 and 13 off East Campus Drive. This area is open to visitors from 8 a.m. to 5 p.m. daily, except January 1, July 4, Thanksgiving Day, and December 25.

The gardens were established for teaching purposes and provide a wide assortment of plant materials for courses such as anthropology, art, biology, conservation, ecology, entomology, morphology, ornamental horticulture, plant pathology, photography, and taxonomy. UCR students and other community groups visit the gardens. The gardens also provide plant materials for research projects and for the testing and exhibition of plant species introduced from all parts of the world. Specialty collections include California Deserts, Baja California, Australian, Latin American and South African plants, as well as cacti, cycads, herbs, irises, lilacs, and roses. A geodesic dome lath house holds shade-loving plants. An attached orchard displays rare subtropical fruits that will grow in the Riverside area. The lower and middle elevations of the gardens are accessible to handicapped people.

California Educational Research Cooperative
Graduate School of Education
(909) 787-3026; cerc.ucr.edu

The cooperative is a unique partnership among county offices of education, local school districts, and the Graduate School of Education. It serves as a research, development, and graduate training center for members and the school by combining the professional experience and practical wisdom of practicing professional educators with the theoretical interests and research talents of UCR’s Graduate School of Education faculty. CERC provides a cooperative forum for systematic study and joint action to resolve pressing problems facing public schools.

Cooperative Extension
Director, Division of Agriculture and Natural Resources,
Central Coast and South Region: Susan G. Laughlin, Ph.D.
ccsr.ucdavis.edu

Cooperative Extension (CE) bridges the gap between basic research conducted in campus laboratories and the individuals, organizations, and communities who are the end users of that research. Research and extension programs include sustainable agriculture, pest management, consumer sciences and marketing, irrigation, water quality, urban horticulture, and natural resources management.

George E. Brown, Jr., Salinity Laboratory
Director (Acting): Donald Suarez, Ph.D.
West 450 Big Springs Road
Riverside, CA 92507
(909) 369-4814; fax (909) 342-4960; cnas.ucr.edu/~cnas/centers/salinity.html

Operating in close cooperation with UCR, the George E. Brown, Jr., Salinity Laboratory (GBSLB) of the U.S. Department of Agriculture Agricultural Research Service is the only research facility in the nation devoted specifically to the study and amelioration of salinity- and pesticide-related agricultural and environmental problems. Through the development of new knowledge and technology the GBSLB seeks to ensure the adequate production of food and agricultural products, to sustain a viable food and agricultural economy, and to maintain a quality environment and natural resource base.

International Services Center
Director: Diane Elton, B.A.
Watkins House
Canyon Crest Drive (next to the Bannockburn Complex)
Riverside, CA 92521-0307
(909) 787-4113; internationalcenter.ucr.edu

The International Services Center provides special assistance to UCR’s international students and scholars, offers counseling and administrative support to anyone interested in participating in an overseas opportunity, and sponsors intercultural enrichment activities. International educational exchange programs and opportunities are described in the Student Services section of this catalog.
The purpose of the Natural Reserve System is to establish and maintain for teaching and research purposes a system of reserves encompassing the diversity of California’s natural terrain, both aquatic and terrestrial. Any qualified individual or institution may use the reserve system under the direction and with the approval of the university. UCR administers 8 of the approximately 35 reserves systemwide.

**Philip L. Boyd Deep Canyon Desert Research Center** encloses approximately 33 1/2 square miles of desert habitat around Deep Canyon, in the Colorado Desert near Palm Desert. An air-conditioned field station with living quarters and laboratories is located near the mouth of Deep Canyon. A primitive campground and two-square-mile teaching area is available for class use.

**James San Jacinto Mountains Reserve** near Idyllwild is approximately 30 acres, surrounded on all sides by relatively undisturbed national forest land. Sixty miles of hiking trails connect the base reserve with thousands of acres of mid- and high-elevation wilderness, from nearby Lake Fulmor to the summit of Black Mountain at 7,800 feet. The reserve is equipped for field classes of up to 30 students and has indoor housing for small groups.

**Oasis de los Osos Reserve** is located near Snow Creek at the northern base of Mount San Jacinto. This property consists of 160 acres of rocky desert slopes and a dry alluvial fan. It also contains a perennial stream (Lamb Creek) with some waterfalls. A riparian woodland grows along this stream. A semi-desert scrub plant community occurs on the dry slopes and alluvial fan, as well as along the washes. No facilities are available at this site.

**Box Springs Reserve** consists of 160 acres near the top of Box Springs Mountains. The property includes both coastal sage scrub and chaparral habitats. No laboratory facilities are present on the property, due to the proximity of such facilities on the UCR campus. This reserve has been used for field class laboratories and student research projects. However, other research projects can be conducted at this site.

**Sacramento Mountains Reserve** contains approximately 590 acres of desert habitat in the Mojave Desert. It is located about 18 miles west of Needles along Interstate Highway 40. This property contains at least seven species of cacti, including one of the best displays of Bigelow Cholla (Opuntia bigelovii) in California. No laboratory facilities or living quarters are present on this site. However, a campsite is available for anyone wishing to use the reserve overnight for teaching or research.

**Motte Rimrock Reserve** consists of approximately 650 acres at the northwestern corner of Perris, about 15 miles from campus. The vegetation is principally coastal sage scrub and grassland with riparian corridors in the canyons. This land is of more than usual biological interest for this region because it contains several species of special concern. Indian pictographs and a former Indian village site also are on this reserve. A headquarters building contains sleeping facilities and a small laboratory for reserve users.

**Emerson Oaks Reserve** is located 5 miles east of Temecula and 1 mile south of Highway 79. This 200-acre site contains coastal sage scrub on the lower hills, chaparral on the upper slopes, and oak woodland (primarily coast live oak) in the valley portion. More than 20 acres of oaks also occur on a bench on one of the hillsides. Several permanent springs are on the property. No facilities are available.

**Jack and Marilyn Sweeney Granite Mountains Desert Research Center** contains approximately 9,000 acres in the Mojave Desert near Amboy (between Barstow and Needles). It has unusual biotic diversity, ranging from low Mojave Desert flora and fauna to remnant Colorado Plateau biota on the highest peaks. A campground and a small building at Norris Camp are available for class use, and the Allanson complex includes a state-of-the-art, stand-alone research laboratory.

**Richard J. Heckmann International Center for Entrepreneurial Management**

(909) 787-6329

Under the auspices of the A. Gary Anderson Graduate School of Management (AGSM), the Heckmann Center anchors international business programs in Palm Desert, California. Through cooperative arrangements with educational institutions, including other colleges and schools of UCR, the center is a focal point for higher education in the Coachella Valley.

The Center for Entrepreneurial Management, incorporated within the Heckmann Center, was created in 1995, in response to a growing demand for entrepreneurial education in business schools throughout the world, as well as within public and private business arenas.
The Statistical Consulting Center provides consultative services, including design of experiments, statistical data reduction, inference and modeling for the campus community, and promotes cooperative research between statisticians and other investigators in all fields of the application of statistics. The center is staffed by faculty and graduate students.
APPLICATION FOR UNDERGRADUATE ADMISSION

The Office of Undergraduate Admissions is responsible for the admission of new undergraduate freshmen and transfer students. The office is also responsible for the addition of transfer units to the UCR records of continuing and readmitted students.

Inquiries may be addressed to:
Office of Undergraduate Admissions
1138 Hinderaker Hall
University of California, Riverside
Riverside, CA 92521
(909) 787-4531
discover@pop.ucr.edu; admissions.ucr.edu

The undergraduate application for admission to the University of California is contained in the UC Undergraduate Application for Admission and Scholarships packet. Application packets are available from the counseling office of any California high school or community college or from any University of California Admissions Office. Applications are available about four weeks before the opening date of the filing period.

Apply in Writing

Applicants should submit their completed application form together with the required nonrefundable application fee to the address listed on the form.

Apply Online ucop.edu/pathways

Prospective students may also submit their UC application electronically at the above address. Students may also download a copy of the application form and booklet in PDF format from the Web site.

WHEN TO APPLY

<table>
<thead>
<tr>
<th>Quarter of Attendance</th>
<th>Filing Periods</th>
</tr>
</thead>
<tbody>
<tr>
<td>Winter 2003</td>
<td>July 1–31, 2002</td>
</tr>
<tr>
<td>Spring 2003</td>
<td>October 1–31, 2002</td>
</tr>
<tr>
<td>Fall 2003</td>
<td>November 1–30, 2002</td>
</tr>
</tbody>
</table>

To ensure that applicants will be considered for admission to the campus and major of their choice, the completed application and the application fee should be postmarked during the priority filing period. UCR will consider all applications filed during this period.

After the priority filing period has ended, campuses will consider applications only if they still have openings for new students. This means some campuses may still be able to process additional applications in some majors and other campuses may not. Prospective UCR applicants who have not filed during the priority filing period should contact Undergraduate Admissions for more information about the advisability of filing a late application.

ADMISSION AS A FRESHMAN

The admission requirements summarized on the following pages are the minimum needed to be considered eligible for admission to UCR and other campuses of the University of California. Some programs are highly competitive and can accept only a limited number of students each year; completing the required high school courses with satisfactory grades may not automatically guarantee that a student will be admitted to majors with additional selection criteria. Check specific majors in this catalog to determine if additional requirements exist.

The university defines a “freshman applicant” as a student who has graduated from high school and has not enrolled in a regular session of any collegiate-level institution. Summer sessions immediately following high school graduation are excluded in the determination.

Freshman applicants who are not residents of California must meet higher scholarship requirements. See Nonresidents below for admission requirements.

Advanced standing credit will be granted for an acceptable college course taken while still in high school if reported on a valid transcript issued by the college that conducted the course.
If, at the time of high school graduation, students do not meet the subject and/or scholarship requirements for admission to freshman standing or do not qualify by examination, they may be admitted after meeting the requirements for admission as a transfer student. See the section below on Admission as a Transfer Student.

Basic Eligibility Requirements

California Residents

There are three paths to satisfying the university’s minimum admission requirements for freshman students: eligibility in the state-wide context, eligibility in the local context, and eligibility by examination alone.

1. Eligibility in the Statewide Context

Eligibility in the Statewide Context is the path by which most students attain UC eligibility. To be eligible in the statewide context, students must satisfy the subject, scholarship, and examination requirements described on the following pages.

Subject Requirement

To satisfy this requirement, students must complete the 15 units of high school course work listed in the box on this page. (A unit is equal to an academic year, or two semesters, of study.) These courses are also known as the “a–g” subjects or requirements.

At least 7 of the 15 units must be taken in the last two years of high school.

California High School Students

For students who attend high school in California, the courses taken to fulfill the Subject Requirement must be certified by the university as meeting the requirement and must be included on the high school’s UC certified course list. The counselor or principal will have a copy of this list. The lists are available online at ucop.edu/pathways/infoctr/doorway_index.html.

Scholarship Requirement

The scholarship requirement defines the grade point average (GPA) students must attain in the “a–g” subjects and the SAT I (or ACT) and SAT II test scores that must be earned to be eligible for admission to the university.

---

### Subject Requirement

**a. History/Social Science — 2 years required**

Two years of history/social science, including one year of U.S. history or one-half year of U.S. history and one-half year of civics or American government; and one year of world history, cultures, and geography.

**b. English — 4 years required**

Four years of college preparatory English that include frequent and regular writing, and reading of classic and modern literature. Not more than two semesters of ninth grade English can be used to meet this requirement.

**c. Mathematics — 3 years required, 4 years recommended**

Three years of college preparatory mathematics that include the topics covered in elementary and advanced algebra and two- and three-dimensional geometry. Approved integrated math courses may be used to fulfill part or all of this requirement, as may math courses taken in the seventh and eighth grades that the student’s high school accepts as equivalent to its own math courses.

**d. Laboratory Science — 2 years required, 3 recommended**

Two years of laboratory science providing fundamental knowledge in at least two of these three disciplines: biology (which includes anatomy, physiology, marine biology, aquatic biology, etc.), chemistry, and physics. Laboratory courses in earth/space sciences are acceptable if they have as prerequisites or provide basic knowledge in biology, chemistry, or physics. The appropriate two years of an approved integrated science program may be used to fulfill this requirement. Not more than one year of ninth grade laboratory science can be used to meet this requirement.

**e. Language Other Than English — 2 years required, 3 years recommended**

Two years of the same language other than English. Courses should emphasize speaking and understanding, and include instruction in grammar, vocabulary, reading, and composition. Courses in language other than English taken in the seventh and eighth grade may be used to fulfill part of this requirement if the student’s high school accepts them as equivalent to its own courses.

**f. Visual and Performing Arts — 1 year required**

One year of visual and performing arts chosen from dance, drama or theater, music, and/or visual art.

**g. College Preparatory Electives — 1 year required (academic electives)**

One year of academic electives in addition to those required in “a–f” above, chosen from visual and performing arts (nonintroductory level courses), history, social science, English, advanced mathematics, laboratory science, and language other than English (a third year in the language used of the “e” requirement or two years of another language).
Students qualifying for admission in the statewide context must present an a–g GPA and test score total that meet the criteria on the Eligibility Index Table on the following page.

The university calculates the GPA in the “a–g” subjects by assigning point values to the grades earned, totaling the points, and dividing the total by the number of “a–g” course units. Points are assigned as follows: “A”=4 points, “B”=3 points, “C”=2 points, “D”=1 point, and “F”=0 points.

Only the grades earned in “a–g” subjects in the tenth, eleventh, and twelfth grades are used to calculate the GPA. Courses taken in ninth grade can be used to meet the subject requirement if a grade of “C” or better was earned, but they will not be used to calculate the GPA.

Honors Courses
The university assigns extra points for up to 4 units of university-certified honors-level and advanced placement courses taken in the last three years of high school: “A”=5 points, “B”=4 points, “C”=3 points. No more than two years of UC-approved honors-level courses taken in the tenth grade may be given extra points. A grade of “D” in an honors or advanced placement course does not earn extra points.

The courses must be in the following “a–g” subjects: history, English, advanced mathematics, laboratory science, foreign language, and visual and performing arts, and they must be certified as honors courses by the university. In these fields, as well as in computer science and social science, courses that are designed to prepare students for an Advanced Placement Examination of the College Board or a Higher Level Examination of the International Baccalaureate and college courses that are transferable to the university are acceptable honors-level courses.

“D” and “F” Grades in the “a–g” courses must be repeated or validated. The student’s counselor can determine how these grades can be improved and how the university will use them in evaluating the scholarship record. Grades for repeated courses in which initially a grade of “C” or better was earned will not be used.

Examination Requirement
Students must submit the following test scores:

- Either the SAT I: Reasoning Test or the ACT. The verbal and mathematics scores on the SAT I must be from the same sitting. The ACT composite score must be submitted.
- Three SAT II: Subject Tests, including Writing, Mathematics Level 1 or Level 2, and one test in one of the following areas: English literature, foreign language, science, or social studies.

SAT Program Tests To register for SAT tests, a student must obtain a registration packet from the high school counselor or register online at collegeboard.com.

ACT Assessment Test To register for the ACT Assessment, a student must obtain a registration packet from the high school counselor or register online at act.org.
2. Eligibility in the Local Context

Under the Eligibility in the Local Context (ELC) path, the top 4 percent of students at each participating California high school are designated UC eligible and guaranteed admission to one of UC's eight general campuses.

To be considered for ELC, a student must complete 11 specific units of the subject requirement by the end of the junior year. With the assistance of each participating high school, the university will identify the top 4 percent of students on the basis of GPA in the required course work.

The 11 units include: 1 unit of history/social science, 3 units of English, 3 units of mathematics, 1 unit of laboratory science, 1 unit of language other than English, and 2 units chosen from among the other subject requirements.

The university will notify ELC students of their status at the beginning of their senior year. A student designated UC-eligible through ELC must submit the university's undergraduate application during the November filing period and complete remaining eligibility requirements — including the subject and examination requirements — to enroll.

ELC students are guaranteed a spot at one of UC's eight undergraduate campuses, though not necessarily at their first-choice campus.

3. Eligibility by Examination Alone

Students who do not meet the requirements for Eligibility in the Statewide Context or Eligibility in the Local Context may be able to qualify for admission to the university by examination.

To satisfy the minimum requirements for eligibility by examination alone, students must achieve a composite score of 31 or higher on the ACT or a total score of at least 1400 on the SAT I. In addition, they must earn a total score of 1760 or higher on the three SAT II Subject Tests with a minimum score of 530 on each test.

Students cannot qualify for admission by examination alone if they have completed 12 or more units of transferable course work at another college or university following high school graduation, or if they have taken transferable college courses in any subject covered by the SAT II Subject Tests.

Nonresidents

There are two paths to UC eligibility for nonresidents at the freshman level. The first is the same as described above under Eligibility in the Statewide Context and the second is the same as described above under Eligibility by Examination Alone, with the following exceptions:

Scholarship Requirement Students whose GPA is 3.40 or above satisfy the minimum scholarship requirement if they achieve the test score indicated in the Eligibility Index Table, under Nonresidents.

Admission by Examination Alone Students must earn a composite score of 31 or higher on the ACT or a total score of at least 1400 on the SAT I. The total score on the three SAT II Subject Tests must be at least 1850 with a minimum score of 530 on each test.

Selection Criteria

College of Engineering Freshman applicants to the College of Engineering who excel in the academic criteria, with additional emphasis on mathematics and science preparation, and who qualify for first-quarter calculus are selected. Students not qualifying for specific engineering majors who meet campus selection criteria are considered for Engineering (Prep).

Division of Biomedical Sciences Applicants who excel in the academic criteria, with additional emphasis on mathematics and science preparation, are considered. The following are essential: a) at least three high school laboratory courses; b) mathematics competency so as to qualify for college-level calculus; and c) English composition proficiency so as to qualify for placement either in ENGL 001A or BSWT 001. Students not qualifying for the Biomedical Sciences major, but meeting campus selection criteria, are considered for their alternate major.

Studio Art Students who wish to declare a major in Art must submit a portfolio or work consisting of five slides or digital prints of original work. Students whose portfolios are approved will be admitted to the major. Guidelines for submission are available from the Department of Art and from the offices of Undergraduate Admissions and Relations with Schools.

Student Conduct Disciplinary suspension or dismissal from a previously attended educational institution is considered in the admission decision.

Transfer Credit Transfer credit may be granted to a freshman applicant for an acceptable college course taken while still in high school when an official transcript is received from the college that conducted the course.
## International Baccalaureate Examination Credit

<table>
<thead>
<tr>
<th>IB Examination</th>
<th>IB Score</th>
<th>Unit Credit</th>
<th>College of Engineering</th>
<th>College of Humanities and Social Sciences</th>
<th>College of Natural and Agricultural Sciences</th>
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</thead>
<tbody>
<tr>
<td>Art/Design</td>
<td>5, 6, 7</td>
<td>4 Elective</td>
<td></td>
<td>Humanities (Fine Arts) breadth</td>
<td>Humanities (Fine Arts) breadth</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>4 Elective</td>
<td></td>
<td>Elective</td>
<td>Elective</td>
</tr>
<tr>
<td>Biology</td>
<td>5, 6, 7</td>
<td>4 Elective</td>
<td></td>
<td>Natural Sciences and Mathematics</td>
<td>Elective</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>4 Elective</td>
<td></td>
<td>(Biological Sciences) breadth</td>
<td>Elective</td>
</tr>
<tr>
<td>Chemistry</td>
<td>5, 6, 7</td>
<td>4 Elective</td>
<td></td>
<td>Natural Sciences and Mathematics</td>
<td>Elective</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>4 Elective</td>
<td></td>
<td>(Physical Sciences) breadth</td>
<td>Elective</td>
</tr>
<tr>
<td>Classical</td>
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<td></td>
<td>“Additional Humanities” breadth</td>
<td>“Additional Humanities” breadth</td>
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<tr>
<td>Languages</td>
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<td>4 Elective</td>
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<td></td>
</tr>
<tr>
<td>Computer</td>
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<td></td>
<td>Computer Science breadth</td>
<td>Computer Science breadth</td>
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<tr>
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<td>Economics</td>
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<tr>
<td></td>
<td>4</td>
<td>4 Credit for ECON 003</td>
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<td>Credit for ECON 003</td>
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<tr>
<td>Geography</td>
<td>5, 6, 7</td>
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<td>Credit for GEO 002</td>
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<tr>
<td></td>
<td>4</td>
<td>4 “Additional Social Sciences” breadth</td>
<td></td>
<td>“Additional Social Sciences” breadth</td>
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<tr>
<td>History</td>
<td>5, 6, 7</td>
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<tr>
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<td>Elective</td>
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<tr>
<td>History of the</td>
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<td>“Additional Humanities” breadth</td>
<td>“Additional Humanities” breadth</td>
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<tr>
<td>Islamic World</td>
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<tr>
<td></td>
<td>6, 7</td>
<td>4 Credit for ENGL 001B</td>
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<td>Credit for ENGL 001B</td>
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<tr>
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<td>5, 6, 7</td>
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<tr>
<td></td>
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<td>Elective</td>
<td>Elective</td>
</tr>
<tr>
<td>Music</td>
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</tr>
<tr>
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<td>4</td>
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<td></td>
<td>Elective</td>
<td>Elective</td>
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<tr>
<td>Philosophy</td>
<td>5, 6, 7</td>
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<td>Natural Sciences and Mathematics</td>
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<td>4 Elective</td>
<td></td>
<td>(Physical Sciences) breadth</td>
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<tr>
<td>Psychology</td>
<td>5</td>
<td>4 Social Sciences (Psychology)</td>
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<td>Social Sciences (Psychology) breadth</td>
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<tr>
<td>breadth</td>
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<td>Elective</td>
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<tr>
<td></td>
<td>6, 7</td>
<td>4 Credit for PSYC 002</td>
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<tr>
<td></td>
<td>4</td>
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<td>Elective</td>
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</tr>
<tr>
<td>Social</td>
<td>5, 6, 7</td>
<td>4 Credit for ANTH 001</td>
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<td>Credit for ANTH 001</td>
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<tr>
<td>Anthropology</td>
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<td></td>
<td>Social Sciences breadth</td>
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<tr>
<td>Theatre Arts</td>
<td>5, 6, 7</td>
<td>4 Credit for THEA 070</td>
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<td>Credit for THEA 070</td>
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<tr>
<td>Languages other</td>
<td>5, 6, 7</td>
<td>8 Elective</td>
<td></td>
<td>Elective</td>
<td>Elective</td>
</tr>
<tr>
<td>than English</td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

**Note** Certain credit limits apply to Advanced Placement and International Baccalaureate tests offered in similar subject areas.
Advanced Placement

The university grants credit for all College Board Advanced Placement Tests for which a student scores 3 or higher. The credit may be subject credit, graduation credit, or credit toward general education or breadth requirements, as determined by each college office.

The units granted for AP tests are not counted toward the maximum number of credits required for formal declaration of an undergraduate major or the maximum number of units a student may accumulate prior to graduation from the university. Students who enter the university with AP credit do not have to declare a major earlier than other students, nor are they required to graduate earlier.

College courses taken prior to or after enrolling at the university may duplicate the content of AP examinations. In these cases, the university may not award credit for both the course and the AP exam. The university grants credit for Advanced Placement tests as described in the following charts:

<table>
<thead>
<tr>
<th>AP Examination</th>
<th>AP Score</th>
<th>Unit Credit</th>
<th>College of Engineering</th>
<th>College of Humanities and Social Sciences</th>
<th>College of Natural and Agricultural Sciences</th>
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<tbody>
<tr>
<td>Art History</td>
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<td>Elective</td>
<td>Humanities (Fine Arts) breadth</td>
<td>Humanities (Fine Arts) breadth</td>
</tr>
<tr>
<td>Studio Art¹</td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>× Drawing</td>
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<td>4 Elective</td>
<td>Elective</td>
<td>Humanities (Fine Arts) breadth</td>
<td>Humanities (Fine Arts) breadth</td>
</tr>
<tr>
<td>× 2-D Design</td>
<td>3,4,5</td>
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<td>Elective</td>
<td>Humanities (Fine Arts) breadth</td>
<td>Humanities (Fine Arts) breadth</td>
</tr>
<tr>
<td>× 3-D Design</td>
<td>3,4,5</td>
<td>4 Elective</td>
<td>Elective</td>
<td>Humanities (Fine Arts) breadth</td>
<td>Humanities (Fine Arts) breadth</td>
</tr>
<tr>
<td>× General Portfolio</td>
<td>3,4,5</td>
<td>4 Elective</td>
<td>Elective</td>
<td>Humanities (Fine Arts) breadth</td>
<td>Humanities (Fine Arts) breadth</td>
</tr>
<tr>
<td>Biology</td>
<td>3,4,5</td>
<td>4 Elective</td>
<td>Elective</td>
<td>Natural Sciences and Mathematics breadth</td>
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<tr>
<td>Chemistry</td>
<td>3,4,5</td>
<td>3 Credit for CHEM 001W Elective</td>
<td>Elective; placement after individual counseling</td>
<td>Credit for CHEM 001W Elective</td>
<td>Credit for CHEM 001W Elective</td>
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<td>Computer Science²</td>
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<td></td>
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<tr>
<td>× A Examination</td>
<td>3,4,5</td>
<td>2 Elective</td>
<td>Elective</td>
<td>Elective; placement after individual counseling</td>
<td>Elective</td>
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<tr>
<td>× AB Examination</td>
<td>3,4,5</td>
<td>2 Credit for CS 010</td>
<td>Credit for CS 010</td>
<td>Credit for CS 010</td>
<td>Credit for CS 010</td>
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<tr>
<td>Economics</td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>× Macroeconomics</td>
<td>3,4,5</td>
<td>4 Credit for ECON 002</td>
<td>Credit for ECON 002</td>
<td>Credit for ECON 002</td>
<td>Credit for ECON 002</td>
</tr>
<tr>
<td>× Microeconomics</td>
<td>3,4,5</td>
<td>4 Credit for ECON 003</td>
<td>Credit for ECON 003</td>
<td>Credit for ECON 003</td>
<td>Credit for ECON 003</td>
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<td>English¹</td>
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<td></td>
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<td>× Language/Composition</td>
<td>3,4,5</td>
<td>4 Elective (or 8 elective units if the student enrolls in ENGL 001A)</td>
<td>Credit for ENGL 001A</td>
<td>Credit for ENGL 001A</td>
<td>Credit for ENGL 001A</td>
</tr>
<tr>
<td>× Literature/Composition</td>
<td>3,4,5</td>
<td>4 Credit for ENGL 001A</td>
<td>Credit for ENGL 001A</td>
<td>Credit for ENGL 001A</td>
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</tr>
<tr>
<td>Environmental Science</td>
<td>3,4,5</td>
<td>4 Credit for ENSC 001</td>
<td>Credit for ENSC 001</td>
<td>Credit for ENSC 001</td>
<td>Credit for ENSC 001</td>
</tr>
<tr>
<td>French</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>× Language</td>
<td>3,4,5</td>
<td>8 Elective</td>
<td>Elective</td>
<td>Elective</td>
<td>Elective</td>
</tr>
<tr>
<td>× Literature</td>
<td>3,4,5</td>
<td>4 Elective</td>
<td>Elective</td>
<td>Humanities (Literature) breadth</td>
<td>Humanities (Literature) breadth</td>
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¹Maximum credit 8 units
²Maximum credit 4 units

See page 102 for subject abbreviations
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<tr>
<th>AP Examination</th>
<th>AP Score</th>
<th>Unit Credit</th>
<th>College of Humanities and Social Sciences</th>
<th>College of Natural and Agricultural Sciences</th>
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<td>German</td>
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<td>• Language</td>
<td>3,4,5</td>
<td>8 Elective</td>
<td>Elective</td>
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<tr>
<td>• Literature3</td>
<td>3,4,5</td>
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<td>Humanities (Literature) breadth</td>
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<tr>
<td></td>
<td></td>
<td>4 Elective</td>
<td>Elective</td>
<td></td>
</tr>
<tr>
<td>Government and Politics</td>
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<td></td>
</tr>
<tr>
<td>• United States Government</td>
<td>3,4,5</td>
<td>4 Credit for POSC 010</td>
<td>Credit for POSC 010</td>
<td>Credit for POSC 010</td>
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<tr>
<td>• Comparative Government</td>
<td>3,4,5</td>
<td>4 Credit for POSC 015</td>
<td>Credit for POSC 015</td>
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<td>History</td>
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<td>• United States</td>
<td>3,4,5</td>
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<td>Humanities breadth</td>
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<tr>
<td>• World</td>
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<td>Humanities (World History) breadth</td>
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<tr>
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<td></td>
<td>Elective</td>
<td>Elective</td>
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<tr>
<td>Human Geography</td>
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<tr>
<td>Latin</td>
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<td></td>
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<tr>
<td>• Virgil</td>
<td>3,4,5</td>
<td>4 Elective</td>
<td>Elective</td>
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</tr>
<tr>
<td>• Literature3</td>
<td>3,4,5</td>
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<td>Mathematics1,4</td>
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<tr>
<td>• AB Examination</td>
<td>3,4,5</td>
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<td>Credit for MATH 009A</td>
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<td>(additional subject coverage may be granted after individual counseling)</td>
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<td>• BC Examination</td>
<td>3,4,5</td>
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<td>Credit for MATH 009A</td>
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<tr>
<td></td>
<td></td>
<td>Credit for MATH 009B</td>
<td>Credit for MATH 009B</td>
<td>Credit for MATH 009B</td>
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<td>(additional subject coverage may be granted after individual counseling)</td>
<td>(additional subject coverage may be granted after individual counseling)</td>
</tr>
<tr>
<td>• AB Subscore (from BC examination)</td>
<td>3,4,5</td>
<td>4 Credit for MATH 009A</td>
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<td>(additional subject coverage may be granted after individual counseling)</td>
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<td>Music</td>
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<tr>
<td>• Theory</td>
<td>3,4,5</td>
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<td>Elective</td>
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<td></td>
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<td>Humanities (Fine Arts) breadth</td>
<td>Humanities (Fine Arts) breadth</td>
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<tr>
<td>• Listen and Literature3</td>
<td>3,4,5</td>
<td>4 Elective</td>
<td>Elective</td>
<td></td>
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<tr>
<td></td>
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<td>4 Elective</td>
<td>Humanities (Fine Arts) breadth</td>
<td>Humanities (Fine Arts) breadth</td>
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<tr>
<td>Physics1</td>
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<td></td>
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<td></td>
</tr>
<tr>
<td>• Examination B</td>
<td>3,4,5</td>
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<td>Elective</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>4 Elective</td>
<td>Natural Sciences and Mathematics Elective</td>
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<td>4 Elective</td>
<td>(Physical Sciences) breadth</td>
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<tr>
<td>• Examination C: Mechanics</td>
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<td>4 Elective</td>
<td>Elective</td>
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<td></td>
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<td>5 Credit for PHYS 002A</td>
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<tr>
<td>• Examination C: Electricity and Magnetism</td>
<td>3,4</td>
<td>4 Elective</td>
<td>Elective</td>
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<tr>
<td></td>
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<td>Psychology</td>
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<tr>
<td>Spanish</td>
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<td>8 Elective</td>
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<tr>
<td>• Literature3</td>
<td>3,4,5</td>
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<td>Elective</td>
<td></td>
</tr>
<tr>
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<td>Statistics</td>
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<td></td>
<td>4 Credit for STAT 040</td>
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</table>

*Maximum credit 8 units
*Maximum credit 4 units
*No longer offered.
*Maximum credit 4 units for AB examination and AB Subscore examination

See page 102 for subject abbreviations
Preparation for University Work
In addition to the high school subjects required for admission to the university, certain preparatory subjects are recommended for many university curricula to give students an adequate background for their chosen field of study. Details of lower-division requirements are found in this catalog.

A California resident needing additional preparation is advised to attend one of the many California community colleges. There students can take courses applicable toward the requirements of the college or school of the university in which they wish to enroll.

Subject A Every undergraduate is required to demonstrate an acceptable level of ability in English composition. For further details, see Subject A requirements in the Undergraduate Studies section of this catalog.

ADMISSION AS A TRANSFER STUDENT
The university defines a transfer applicant (advanced standing applicant) as a person who has been a registered student in another college or university or in college-level extension classes other than a summer session immediately following high school graduation. A transfer applicant may not disregard a college record and apply for admission as a freshman.

The College of Engineering (except Computer Science) accepts applications for only the fall quarter because courses are sequential, beginning in the fall. Applications to Computer Science will be accepted for any quarter. The College of Natural and Agricultural Sciences accepts applications for fall, winter, and spring quarters for most majors. Biology and Biological Sciences only accept applications for fall and winter quarters, while Biochemistry, Biomedical Sciences, and Chemistry only accept applicants for fall quarter because courses are sequential. The College of Humanities, Arts, and Social Sciences accepts applications for fall, winter, and spring quarters.

Transfer Admission Requirements
There are several ways to meet the university’s minimum admission requirements for transfer students, as described below. The path used depends on the degree to which students have satisfied the University of California minimum eligibility requirements for freshmen at the time they graduated from high school. In all cases, applicants must have at least a “C” (2.00) average in all transferable course work.

1. Students who were eligible for admission to the university when they graduated from high school — meaning they satisfied the subject, scholarship, and examination requirements — are eligible to transfer if they have a “C” (2.00) average in their transferable college work.

2. Students who met the scholarship requirement but did not satisfy the subject requirement must take transferable college courses in the subjects they are missing, earn a grade of “C” or better in each of these required courses, and earn an overall “C” (2.00) average in all transferable college course work to be eligible to transfer.

3. Students who were not eligible for admission to the university when they graduated from high school because they did not meet the scholarship requirement must:
   a) Complete 90 quarter units or 60 semester units of transferable college credit with a GPA of at least 2.40 and
   b) Complete (with a grade of “C” or better in each course) the following course pattern:
      (1) Two transferable college courses, (3 semester or 4–5 quarter units each) in English composition; and
      (2) One transferable college course (3 semester or 4–5 quarter units) in mathematical concepts and quantitative reasoning; and
      (3) Four transferable college courses (3 semester or 4–5 quarter units each) chosen from at least two of the following subject areas: the arts and humanities, the social and behavioral sciences, the physical and biological sciences.

High School Proficiency Examination
Transfer applicants who have passed the examination must also meet regular university entrance requirements. High school eligibility must first be established for applicants with less than 90 quarter (60 semester) units of transferable credit.

Selection Criteria
UCR attempts to accommodate as many qualified students from other universities and colleges as possible, particularly as juniors and seniors. However, in some circumstances selectivity beyond UC eligibility is required. Applicants to the College of Natural and Agricultural Sciences, Business Administration, Engineering majors, and those with 150 units or more are subject to screening beyond the minimum admission requirements for transfer students.

Majors in the College of Natural and Agricultural Sciences Transfer applicants to majors in the College of Natural and Agricultural Sciences should have an overall GPA of 2.70 or better and have completed all lower-division requirements for their intended major, as described in this catalog. Short
of completing all lower-division major requirements, transfer applicants should have completed, at a minimum, at least two of the science and/or math year-long lower-division sequences appropriate to the specific major. See Admission to Majors under the College of Natural and Agricultural Sciences section of this catalog. Further information can be obtained by calling the College Student Affairs Office at (909) 787-7294.

Business Administration Transfer applicants to Business Administration must have completed all breadth requirements or the Intersegmental General Education Transfer Curriculum (IGETC) and 7 of the 10 prerequisites for the major and present an overall transferable unit GPA of 2.50 or better (see Business Administration under the Courses and Curricula section of this catalog). UC-eligible students who have met the above requirements may be admitted in a business preparatory status or may be considered for their alternate major. Further information may be obtained by calling The A. Gary Anderson Graduate School of Management Student Affairs Office at (909) 787-4551.

Majors in the College of Engineering Transfer applicants to Engineering majors should have completed the prerequisites for the major (see Engineering sections under the Curricula and Courses section of this catalog) and have attained junior level standing (90 quarter units). UC-eligible students not qualifying for the major are considered for admission to their alternate major. Prerequisite information can be obtained by calling The Marlan and Rosemary Bourns College of Engineering Office of Student Affairs at (909) 787-5651.

Studio Art Students who wish to declare a major in Art must submit a portfolio or work consisting of five slides or digital prints of original work. Students whose portfolios are approved will be admitted to the major. Guidelines for submission are available from the Department of Art and from the offices of Undergraduate Admissions and Relations with Schools.

150 Quarter Units or More UC-eligible applicants with 150 quarter (100 semester) units or more of transfer credit will be reviewed by the dean of the college for completion of a specified pattern of courses that provides continuity with upper-division courses within the major.

Student Conduct Disciplinary suspension or dismissal from a previously attended educational institution is considered in the admission decision.

UC Intercampus Transfer
A regular undergraduate student who is registered on any campus of the university may apply for transfer to another campus of the university by filing the University of California Undergraduate Application. Fees and procedures are the same for all undergraduates, and there is no special procedure for intercampus transfer.

An undergraduate student in good standing, currently registered on the UCR campus, may apply for intercampus visitor status at another UC campus for one term. Forms and instructions are available from the Office of the Registrar, 1100 Hinderaker Hall.

Nonresident Transfer Applicants
The minimum admission requirements for nonresident transfer applicants are the same as those for residents except that nonresidents must have a GPA of 2.8 or higher in all transferable college course work.

ADMISSION TO SPECIAL CATEGORIES
Applications for admission to special categories must be filed before the application closing date and should be accompanied by a statement of goals. Please contact Undergraduate Admissions for further details. Students with no specific degree plans or goals are encouraged to enroll in courses through University Extension.

Limited Status A person who holds a bachelor’s degree or has completed a substantial amount of college work and who, because of special circumstances, requires specific courses toward a definite objective and for a limited period may apply for admission in Limited Status. Eligibility for admission is determined by the Office of Undergraduate Admissions, and the status requires the approval of the dean of the applicant’s college or division. Admission is for a specified period of time, and the student must maintain a prescribed scholastic average. Units earned are not transferable to an advanced degree.

Special Status A person over 21 who has not had the opportunity to complete a high school program or a substantial amount of college work but who, because of special needs, requires specific courses toward a definite objective and for a limited period may apply for admission in Special Status. Admission in Special Status is not granted to those direct from high school or for the purpose of making up admission deficiencies. Similar rules apply as for Limited Status students discussed previously.

Second Baccalaureate Occasionally, a student whose educational objective has changed substantially after receiving the bachelor’s degree may be considered for admission to a program for a second degree. Admission to a second baccalaureate program requires the approval of the dean of the student’s college. The second baccalaureate requires senior residency and is subject to the university requirements for graduation, as well as the requirements of the college in which the second degree is to be taken, including all breadth, distribution, and major requirements. Applicants must be fully eligible for admission to the university, and their records must indicate strong probability of success in the new area.
ADMISSION OF INTERNATIONAL APPLICANTS

The credentials of an international applicant — a student who holds or expects to hold a student, exchange, visitor, diplomatic, or any other visa and who wishes to attend school in the United States as an undergraduate — are evaluated in accordance with the general regulations governing admission. An application and fee should be mailed to the address listed on the application form or students may apply electronically during the priority filing periods at ucop.edu/pathways.

Official certificates; detailed transcripts of record, including hours and marks; Test of English as a Foreign Language (TOEFL); course syllabi; and confidential financial statement should be submitted to the Office of Undergraduate Admissions early in the appropriate application filing period. This will allow time for exchange of necessary correspondence and, if the applicant is admitted, will help the student in obtaining the necessary passport visa.

An applicant from another country whose native language is not English may be admitted only after demonstrating a command of English sufficient to permit the student to profit by instruction in the university. Nonimmigrant visa applicants are required to take the TOEFL and score a minimum of 550 (paper-based) or 213 (computer-based). Arrangements to take the test may be made by writing directly to:

TOEFL, Educational Testing Service
P.O. Box 6151
Princeton, NJ 08540-6151 U.S.A.

Results of the test should be forwarded to the Office of Undergraduate Admissions. Applicants living locally should write to the Office of Undergraduate Admissions (see address below) for further information concerning other test options or completion of an acceptable English composition course to clear the requirement.

Generally, financial assistance and scholarships from the university are not available to the nonimmigrant-visa student. International students must provide proof that sufficient funds will be available to meet their educational commitments while studying in the United States. International students are considered to be nonresidents of California and are required to pay the nonresident tuition in addition to fees paid by legal residents of California.

Please direct all inquiries regarding the undergraduate admission of international students to:

International Specialist
Office of Undergraduate Admissions
1138 Hinderaker Hall
University of California, Riverside
Riverside, CA 92521 U.S.A.
ugadmiss@pop.ucr.edu

CREDITS, TRANSCRIPTS, AND TEST SCORES

Credit for English-as-a-Second-Language Course Work Students whose first language is not English may receive up to 12 quarter-units of credit for English-as-a-second-language course work. Students may receive workload credit for courses taken beyond this 12-unit limit but will not receive additional credits applicable to the bachelor’s degree.

Credit for Native Language Students whose first language is not English may receive credit for course work in their native language and literature, provided such courses were completed on the college level in the country of the vernacular, or on the upper-division or graduate level at UCR or another accredited English-speaking institution.

Unit Credit for Courses Taken Elsewhere The university grants unit credit only for courses consistent with its curriculum that have been completed at other accredited colleges and universities. To be accepted for credit, the courses must be comparable to those offered at the university.

The decision regarding the acceptability of courses taken at an institution other than the university rests with the Office of Undergraduate Admissions. The decision regarding the applicability of such course work in satisfaction of degree requirements rests with the faculty of the particular school or college in which the student plans to enroll.

As an integral part of the system of public education of California, the university accepts, at full unit value, approved transfer courses completed with satisfactory grades in the community colleges of the State of California.

After a student has earned 105 quarter (70 semester) units acceptable toward a university degree, no further unit credit will be granted for courses completed at a community college. Subject credit, however, may still be earned.

Transcripts and Test Scores The Office of Undergraduate Admissions requires complete, accurate, and up-to-date information about a student’s academic program and work in progress in order to process and respond to the application in a timely manner. The transcript and other documents sub-
mitted as part of the application become the property of the university; they cannot be returned or forwarded in any form to another college or university.

**Freshman Applicants** Applicants will be notified if a preliminary high school transcript is required. Applicants are responsible for asking testing agencies to report examination scores for either the SAT I or ACT Assessment test and three SAT II Subject Tests to the UCR Office of Undergraduate Admissions. Prior to enrollment all admitted students are required to forward an official final high school transcript showing date of graduation, final transcript(s) for college work attempted, and official Advanced Placement or International Baccalaureate scores.

**Transfer Applicants** Applicants will be notified if the university requires a preliminary transcript(s). Applicants must request a final transcript from each college attended. A transcript from the last high school attended may also be required. Attendance at any other school or college after an application has been filed is considered to be part of the student’s record and must be reported to the Office of Undergraduate Admissions.

**NOTIFICATION OF ADMISSION**
Each application is considered individually; therefore, the length of time before notification may vary depending upon the circumstances of each applicant. Most fall quarter freshman applicants are notified of their status by March 31; transfer applicants are notified by May 1. In some cases, complete transcripts of course work are required before a final decision can be made.

The target dates stated above apply to those applicants who filed during the priority period (November 1–30). Applicants filing after the priority period will be notified on a rolling basis in the spring.

When offered admission by the university, the student is asked to sign and return a Statement of Intent to Register accompanied by a nonrefundable fee of $100. This amount will be applied toward payment of university fees, provided the student registers in the quarter to which the student was admitted.

**CONCURRENT ENROLLMENT**
Taking courses at another college or university, including UCR Extension, while in residence at UCR is called concurrent enrollment. This is not allowed during the first quarter in residence at UCR. See Registration section for the policy regarding concurrent enrollment for continuing students.

**REAPPLICATION**
Application for admission is for a specific term. If the student is not eligible for admission, or is admitted and does not register, the university will require a new application and an application fee if the student wants to be admitted to another quarter. The new application will be considered in light of the admission requirements in effect and the space available on campus.

**RESOURCES FOR ADMISSION**

**Early Academic Outreach Pre-University Service Program**
Office of Relations with Schools and EOP
1120 Hinderaker Hall
(909) 787-4531; discover@pop.ucr.edu; students.ucr.edu/eaop

One of the programs designed to assist disadvantaged intermediate and secondary school students in making their aspiration for a college education a reality is Early Academic Outreach. The program works closely with students, counselors, and parents to provide information on college preparation. In addition, the program offers motivational and career projects, SAT workshops, counseling, tutoring, campus tours, and summer residential programs. Early Academic Outreach uses university students as tutors and counselor-aides.

**Educational Opportunity Program (EOP)**
Office of Relations with Schools and EOP
1120 Hinderaker Hall
(909) 787-4531; discover@pop.ucr.edu; admissions.ucr.edu

The Educational Opportunity Program (EOP) assists in increasing the diversity of students who enroll in and graduate from the University of California.

Students accepted at UCR through EOP receive a variety of support services coordinated to include both the academic and nonacademic experiences of university life. There are special orientations for all incoming transfer and freshmen students. The support services are provided by the Learning Center.

To apply for EOP, students must complete the UC Application for Undergraduate Admission and Scholarships and complete the appropriate questions related to EOP. In addition, the applicant is advised to discuss the reason for requesting EOP assistance in the required essay. Applicants should be sure to apply during the priority filing period — November 1–30. Application fee waivers are available to assist students for whom payment of the fee constitutes a barrier to admission. Contact the above address for information on obtaining a fee waiver.
High School-University Program (HSUP)
Office of Relations with Schools and EOP
1120 Hinderaker Hall
(909) 787-3881

The opportunity to enroll in UCR concurrent with the senior year of high school is available to qualified accelerated students. Admission to HSUP is based upon a combination of criteria including grades, standardized test scores, and preparation in the field of interest.

Through HSUP, qualified students (usually seniors) from area high schools may enroll in UCR courses, receive grades based on the same standards as full-time UCR students, and receive full University of California credit for their work.

To continue at UCR after high school graduation, a HSUP student may enroll as a full-time student without filing another application for admission.

Services for Students with Disabilities
Student Special Services
125 Costo Hall
(909) 787-4538 (voice or TTY)
specserv@pop.ucr.edu; specialservices.ucr.edu

Services for Students with Disabilities offers information to prospective students about available services, financial aid, housing, mobility, or other concerns related to attending UCR. Prospective students are invited to contact the office early in their planning to attend UCR. For specific information about admission requirements, contact the Office of Undergraduate Admissions.

Services available to UCR students may include information and referral to on- and off-campus services, transportation and mobility assistance, and academic support services.

Transfer and Reentry Student Services
H-101 Bannockburn Village
(909) 787-5307; fax (909) 787-4355
transfer@pop.ucr.edu; transfer.ucr.edu

The Transfer and Reentry Services Center provides a support system for current and prospective UCR transfer and reentry students. Transfer and Reentry Services offers pre-admission advising, information and referral services, quarterly orientation sessions, and peer support. Staff members and peer mentors are available by appointment and on a walk-in basis to assist with student issues and concerns.

GRADUATE ADMISSION REQUIREMENTS
For information on the requirements for admission to graduate status and application procedures, contact departmental offices or the Graduate Division.

Transfer student Julie Densmore (left) and graduate student Susan Perez in Dr. Mary Gauvain’s laboratory. Dr. Gauvain is interested in how sociocultural experiences contribute to the acquisition, organization, and use of cognitive skill.
Finances and Registration

FEES AND EXPENSES

Student expenses depend upon a great many factors which should be considered carefully before planning a budget. If financial help is needed — beyond those funds which students or their families are able to provide — that should be determined well in advance of the entering quarter. Use the charts on this page and the next as guides to planning.

Residence Classification

Students pay nonresident tuition if they have not been living in California for more than one year immediately prior to the residence determination date for the term in which they propose to register at UCR. Along with the criterion physical presence, the other criteria are intent and financial independence. Information on these three criteria is provided in appendix A.

Residence classification of new, readmitted, and continuing students is made for each term, and at each campus of the University of California. Classifications are based on evidence presented in, and supporting, each student’s Statement of Legal Residence. All Statement of Legal Residence forms are signed under oath by students and, if further information is required, it may be required under oath, by declaration or affidavit.

The residence determination date is the day instruction begins at the last of the University of California campuses to open for the quarter and for schools on the semester system, the day instruction begins for the semester. Students classified as nonresidents shall retain that status until they apply for, and receive, a new classification. Students planning to file for residence status after their first year should talk with the residence affairs officer well before the appropriate residence determination date, preferably during their first few weeks in California. Students may apply for classification as California residents as soon as they meet all three criteria for residence and, if successful in changing their status, would not pay tuition for subsequent quarters if they continued to meet the criteria.

Residence Determination All questions concerning residency are referred to the residence affairs officer in the Office of the Registrar. No other campus personnel are authorized to supply information regarding residence requirements for tuition purposes. Students wishing to appeal a final decision on residence classification by the residence affairs officer are assisted and referred to the appropriate member of the General Counsel’s Office.

Late Fees

Late fees are assessed to students who fail to make payments or file forms by published deadlines. Late enrollment and late registration fees may be waived only for the following reasons: student health problems verified by a physician; death in the family; or a verified administrative error on the part of the university.

Fee Exemptions and Reductions

Fee Exemption

Dependents of Veterans Under the California Education Code, Section 32320, certain dependents of U.S. veterans whose death or disability was service-connected may be eligible for an exemption from the university registration fee, educational fee, and, if applicable, medical and professional school fees. Students must be California residents to qualify for the exemption. To determine residency, see appendix A: Residence for Tuition Purposes. Claims for exemption of fees may be considered only if the claim is presented to the university during the fiscal year (July 1 through June 30) to which the claim applies. For further information, contact Student Special Services, 125 Costo Hall, (909) 787-8661.

Surviving Spouse or Child of Law Enforcement or Fire Suppression Officers A student who is a spouse or child of a resident law enforcement officer or fire fighter killed on active duty shall be exempted from mandatory systemwide fees and nonresident tuition under Section 68120 of the California Education Code. For further information contact the residence affairs officer in the Office of the Registrar, 1100 Hinderaker Hall.

Students who believe they are entitled to one of these fee exemptions must apply through the appropriate office above in advance of their registration.

California High School Graduates A student who attended a high school in California for three or more years and who graduated from a California high school may be classified as a resident for tuition purposes. This classification is based on evidence presented in, and supporting, each student’s Statement of Legal Residence.

Fee Exemptions and Reductions

Fee Exemption

Surviving Spouse or Child of Law Enforcement or Fire Suppression Officers

California High School Graduates

Fee Exemption

Minnesota Department of Corrections

Surviving Spouse or Child of Law Enforcement or Fire Suppression Officers

California High School Graduates

Fee Exemption

Required Student Fees — Fall 2002

<table>
<thead>
<tr>
<th>Undergraduate Students</th>
<th>Resident</th>
<th>Nonresident</th>
</tr>
</thead>
<tbody>
<tr>
<td>University Registration Fee</td>
<td>$239.00</td>
<td>$239.00</td>
</tr>
<tr>
<td>Educational Fee</td>
<td>906.00</td>
<td>1,028.00</td>
</tr>
<tr>
<td>Health Insurance Premium</td>
<td>179.00</td>
<td>179.00</td>
</tr>
<tr>
<td>Recreation Center Fee</td>
<td>59.00</td>
<td>59.00</td>
</tr>
<tr>
<td>Division I Fee</td>
<td>35.00</td>
<td>35.00</td>
</tr>
<tr>
<td>Student Center (Commons) Fee</td>
<td>20.00</td>
<td>20.00</td>
</tr>
<tr>
<td>ASUCR Fee</td>
<td>15.50</td>
<td>15.50</td>
</tr>
<tr>
<td>ASPB Fee</td>
<td>10.00</td>
<td>10.00</td>
</tr>
<tr>
<td>Student Services Fee</td>
<td>6.00</td>
<td>6.00</td>
</tr>
<tr>
<td>Highlander Fee</td>
<td>2.00</td>
<td>2.00</td>
</tr>
<tr>
<td>EOP Fee</td>
<td>1.50</td>
<td>1.50</td>
</tr>
<tr>
<td>UC Student Association Fee</td>
<td>75.00</td>
<td>75.00</td>
</tr>
<tr>
<td>Total—California Residents</td>
<td>$1,725.00</td>
<td>$1,725.00</td>
</tr>
<tr>
<td>Nonresident tuition</td>
<td>3,925.00</td>
<td></td>
</tr>
<tr>
<td>Total—Nonresidents</td>
<td>$5,520.75</td>
<td>$5,520.75</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Graduate Students</th>
<th>Resident</th>
<th>Nonresident</th>
</tr>
</thead>
<tbody>
<tr>
<td>University Registration Fee</td>
<td>$239.00</td>
<td>$239.00</td>
</tr>
<tr>
<td>Educational Fee</td>
<td>964.00</td>
<td>1,028.00</td>
</tr>
<tr>
<td>Graduate and Professional Student Health Insurance Premium</td>
<td>419.00</td>
<td>419.00</td>
</tr>
<tr>
<td>Recreation Center Fee</td>
<td>59.00</td>
<td>59.00</td>
</tr>
<tr>
<td>Student Center (Commons) Fee</td>
<td>20.00</td>
<td>20.00</td>
</tr>
<tr>
<td>Graduate Student Association</td>
<td>18.00</td>
<td>18.00</td>
</tr>
<tr>
<td>Student Services Fee</td>
<td>6.00</td>
<td>6.00</td>
</tr>
<tr>
<td>Total—California Residents</td>
<td>$1,725.00</td>
<td>$1,725.00</td>
</tr>
<tr>
<td>Nonresident tuition</td>
<td>3,925.00</td>
<td></td>
</tr>
<tr>
<td>Total—Nonresidents</td>
<td>$5,514.00</td>
<td>$5,514.00</td>
</tr>
</tbody>
</table>

Note: Resident students in professional school programs such as the MBA and medical school programs pay an educational fee of $1,028, which makes their quarterly total $1,731, in addition to professional school fees.

Additional mandatory fees such as the Medical School Student Fee and the Medical School Disability Insurance Fee are assessed to all medical school students, including students in the fourth and fifth years of the UCR/UCLA Thomas Haider Program in Biomedical Sciences. See Professional School Fees on the next page for detailed information.
### Fees and Expenses per Quarter

<table>
<thead>
<tr>
<th>Fee Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Educational Fee, mandatory for all full-time undergraduate and graduate students. Undergraduate students whose enrollment for the term is approved by the dean of their college for 10 quarter units or fewer of academic credit shall pay 50 percent of the Educational Fee per quarter. This determination is made as of the close of the fifteenth day of instruction. Reduction of units to 10 or fewer after the fifteenth day of instruction does not reduce the fee.</td>
<td>$906 (964 graduate students/$1,028 nonresident students)</td>
</tr>
<tr>
<td>University Registration Fee, mandatory for undergraduate and graduate students, for services that benefit the student and are complementary to but not part of the instructional program. The fee supports operating and capital expenses for services related to the physical and psychological health and well-being of students; social and cultural activities and programs; services related to campus life and campus community; and educational and career support services. No part is returned to students who do not carry a full program or who do not use these privileges. Graduate students on filing-fee status pay one-half of the fee.</td>
<td>$239¹</td>
</tr>
<tr>
<td>Undergraduate Student Health Insurance Premium, mandatory for all undergraduate students; designed to supplement the outpatient care available to all registered students through the Campus Health Center. Students who can prove comparable or better coverage from another source may apply to be waived from the premium.</td>
<td>$179</td>
</tr>
<tr>
<td>Recreation Center Fee, mandatory for all students; assessed to pay the costs of construction, maintenance, and operation of the Recreation Center.</td>
<td>$59</td>
</tr>
<tr>
<td>Course Materials Fee, mandatory for all undergraduate students; covers the cost of course materials to be consumed, retained, or used by the student; the special costs associated with use of university-owned equipment; or the cost of other materials or services necessary to provide a special supplemental education experience of direct benefit to the student. This fee is currently assessed for enrollment in certain laboratory courses at the university; these are identified in the quarterly Schedule of Classes.</td>
<td>$40</td>
</tr>
<tr>
<td>Division I Fee, mandatory for all undergraduates and used to support development and initiation of NCAA Division I athletic programs.</td>
<td>$35</td>
</tr>
<tr>
<td>Student Center Fee, mandatory for all students; assessed to help pay the costs of construction, maintenance, and operation of the Student Center (Commons).</td>
<td>$20</td>
</tr>
<tr>
<td>Associated Students for UCR Fee, mandatory for all undergraduate students and optional for graduate students; covers funding for campus clubs and organizations, KUCR (on-campus radio station), legal aid programs, student-owned and -operated businesses, and books and publications.</td>
<td>$15.50</td>
</tr>
<tr>
<td>Associated Students Program Board Fee, mandatory for all undergraduate students and optional for graduate students; covers ASPB funding for on-campus entertainment such as lectures, concerts, films, and cultural and student center events.</td>
<td>$10</td>
</tr>
<tr>
<td>Student Services Fee, mandatory for all students; supports various student services, such as counseling, club activities, student organizations, and the KUCR radio station.</td>
<td>$6</td>
</tr>
<tr>
<td>Highlander Fee, mandatory for all undergraduate students; supports the operation of the student newspaper.</td>
<td>$2</td>
</tr>
<tr>
<td>Educational Opportunity Program Fee, mandatory for all undergraduate students and optional for graduate students; covers a portion of the costs for low-income students in UCR summer preparation programs in writing and mathematics offered through the Learning Center as well as services during the academic year.</td>
<td>$1.50</td>
</tr>
<tr>
<td>University of California Student Association Fee, mandatory for all undergraduate students; funds the UCSA, which represents student interests to the Regents of the University and the Office of the President.</td>
<td>$7.5</td>
</tr>
</tbody>
</table>

¹Fee quoted is for fall quarter; winter and spring fees vary slightly.

### Estimated Additional Expenses per Year

#### Books and Supplies
- Normally about $1,300 a year, but books and supplies may vary considerably depending on a student's curricula. Consult departments for further details. - $1,300

#### Room and Board
- The range of living expenses includes costs for on- and off-campus housing. - $6,200–$8,100

#### Personal Needs
- A student should budget for clothing, laundry, cleaning, transportation, medical, and personal needs. The campus offers various concerts and cultural activities at special student prices. - $1,350–1,400

#### Parking
- All vehicles regularly on the campus are subject to annual parking charges. Parking costs vary depending on the permit selected. Many students purchase gold permits, which cost $31 per month, $78 per quarter, $234 per academic year, or $288 per year. For more information on the 2002-2003 academic year charges for parking permits, contact Transportation and Parking Services at (909) 787-4395 or visit www.parking.ucr.edu. - $216

### See [finaid.ucr.edu/cost.html](http://finaid.ucr.edu/cost.html) for more information

### Other Graduate and Professional School Fees

<table>
<thead>
<tr>
<th>Fee Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Professional School Fees, mandatory for students in professional school programs (MBA and medical school students, including students in the fourth and fifth years of the UCR/UCLA Thomas Haider Program in Biomedical Sciences)</td>
<td>$1,668¹</td>
</tr>
<tr>
<td>Graduate and Professional Student Health Insurance Premium, mandatory for all graduate and professional students. Students who can demonstrate comparable or better insurance coverage from another source may apply to be waived from the premium. Premium remissions may apply for some graduate students with academic appointments and fellowships. For information on waivers and exemptions, see Student and Dependent Health Insurance under Campus Health Center in the Student Services section of this catalog.</td>
<td>$419</td>
</tr>
<tr>
<td>Medical School Student Fees, mandatory for all medical school students.</td>
<td>$125¹</td>
</tr>
<tr>
<td>Medical School Disability Insurance Fee is assessed fall quarter to all medical school students including students in the fourth and fifth years of the UCR/UCLA Thomas Haider Program in Biomedical Sciences.</td>
<td>$61</td>
</tr>
<tr>
<td>Graduate Student Association for UCR Fee, mandatory for all graduate students and supports the Graduate Student Association, including publication of the Graduate Newsletter.</td>
<td>$18</td>
</tr>
</tbody>
</table>

### Nonresident Tuition

In addition to the fees listed above, nonresidents of California are charged tuition. To determine whether tuition is applicable, see appendix A: Residence for Tuition Purposes. All questions concerning residency should be referred to the residence affairs officer in the Office of the Registrar. Nonresident tuition for undergraduate students enrolled in 10 quarter units or fewer of course instruction is assessed at 50 percent of the Nonresident Tuition Fee. - $3,925

All Ph.D. students who are considered nonresidents for tuition purposes and are advanced to candidacy as of the first day of Fall 2002 receive a 75 percent reduction of the nonresident tuition for a maximum of three calendar years. See Fee Exemptions and Reductions in this catalog for additional information.
high school (or attained the equivalent) may be exempt from paying nonresident tuition and the Educational Fee differential charged to nonresidents. Eligibility for this exemption will continue until the student fulfills the University of California residency requirements or until this exemption is no longer available, whichever occurs first.

**Student Athletes in Training** Any amateur student athlete in training at the United States Olympic Training Center in Chula Vista is entitled to resident classification for tuition purposes until he or she has resided in the state the minimum time necessary to become a resident. “Amateur student athlete,” for purposes of this section, means any student who meets the eligibility standards established by the national governing body for the sport in which the athlete competes.

**Fee Reduction**

**Employees** A regular status employee who meets the admission requirements of the university is eligible for a two-thirds reduction of both the university registration fee and university educational fee for up to 9 units or three regular-session university courses per quarter or semester, whichever is greater. An employee so registered is ineligible for the services and facilities of the counseling center, gymnasiums, or the student health services, other than those to which the employee may be otherwise entitled.

**Doctoral Students Advanced to Candidacy** All students who are considered nonresidents for tuition purposes and are advanced to candidacy for the Ph.D. as of the first day of Fall 2002 will receive a reduction of 75 percent of the nonresident tuition. Each student is eligible for a maximum of three calendar years. Time spent not registered (withdrawn, on leave, or on filing fee status) will count toward the three-year total unless the graduate dean grants an exception. A student must be advanced by the first day of the academic term to qualify for that term. Students who are currently advanced will qualify for the reduction if they have not been advanced for more than three years. For example, if a student advanced Fall 2002, the student will be qualified for the reduction for 2002–2003, 2003–2004, and 2004–2005. The student must pay full fees if not finished by Spring 2005.

**Deferred Payment Plan**
The Deferred Payment Plan (DPP) offers students an opportunity to pay their quarterly fees and tuition in three monthly installments. For each quarter of participation, a new application must be submitted with a processing fee of $25 for resident students and $40 for nonresident students.

**Refunds**

Students who withdraw before the end of a quarter may be eligible to receive refunds for some fees. A withdrawal petition must be submitted to the Student Affairs Office in the student’s college or from the Graduate Division Office. In accordance with federal regulations, refunds to financial aid recipients are first applied to repayment of aid disbursed.

The effective date for determining a refund of fees is the date the student files an official notice of withdrawal with the university. It is presumed that no university services will be provided to the student after that date.

Beginning the second day of instruction, the university registration fee, the educational fee, student-assessed fees, professional school fees, and nonresident tuition are refunded on a prorated basis.

Refunds for health insurance vary. Consult the Campus Health Center, Veitch Student Center, (909) 787-5683.

The Medical School Disability Insurance Fee is not refunded unless the student requests a prorated refund when withdrawing from UCR. Consult the Biomedical Sciences Program counselor at (909) 787-4333 for information about the refund of insurance benefits after withdrawal.

For details concerning fees and fee refunds, consult Student Fees and Deposits—2002–2003 at budget.ucop.edu/Fees/fees.html.

**Schedule of Refunds**

<table>
<thead>
<tr>
<th>Days</th>
<th>New Students Receiving Federal Financial Aid</th>
<th>All Other Students</th>
</tr>
</thead>
<tbody>
<tr>
<td>Before first day of instruction</td>
<td>100</td>
<td>100</td>
</tr>
<tr>
<td>1st day of instruction</td>
<td>100</td>
<td>100</td>
</tr>
<tr>
<td>2-7</td>
<td>90</td>
<td>90</td>
</tr>
<tr>
<td>8-14</td>
<td>80</td>
<td>50</td>
</tr>
<tr>
<td>15-18</td>
<td>70</td>
<td>50</td>
</tr>
<tr>
<td>19-21</td>
<td>70</td>
<td>25</td>
</tr>
<tr>
<td>22-28</td>
<td>60</td>
<td>25</td>
</tr>
<tr>
<td>29-35</td>
<td>50</td>
<td>25</td>
</tr>
<tr>
<td>36-42</td>
<td>40</td>
<td>0</td>
</tr>
<tr>
<td>43 or more</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

For Prior To and Including Day 1 and 2 and After, consult the University of California—2002–2003 Financial Aid Guide at budget.ucop.edu/Fees/fees.html.

**Refunds for New Students Receiving Federal Financial Aid**

Fee refunds for new students receiving Title IV federal financial aid are as follows:

**Prior To and Including Day 1** Prior to and including the first day of instruction, the university registration fee is refunded except for a $10 service charge or the $100 Statement of Intent to Register deposit paid by undergraduates. Other eligible fees paid are refunded in full.

**Day 2 and After** Beginning the second day of instruction, the university registration fee is refunded on a prorated basis except for the $100 Statement of Intent to Register deposit. Refunds of other eligible fees are prorated as shown in the Schedule of Refunds table on this page.

New students receiving Title IV federal financial aid who withdraw during their first quarter at UCR receive a prorated refund if they withdraw by the end of the sixth week of the quarter.
Refunds for All Other Students

Refunds for all continuing and readmitted students are as follows:

**Prior To and Including Day 1**
Prior to and including the first day of instruction, eligible fees paid are refunded in full except for a $10 service charge.

**Day 2 and After**
Beginning the second day of instruction, a prorated refund is given for eligible fees paid.

If a student withdraws during a quarter, federal regulations require UCR to calculate the amount of federal financial aid that has been “earned” for the period he or she attended. If the student withdraws prior to completing 60 percent of the quarter, a pro rata portion of the aid must be returned to the federal government. Any portion of unearned aid that must be returned to federal aid programs by UCR will be deducted from the amount of the tuition and fee and/or housing refund. If the amount UCR must return to federal aid programs exceeds the amount of the student’s institutional refund, the student’s account may be billed. More information regarding the return of Title IV federal aid requirements is available at finaid.ucr.edu.

Distribution Formula for Institutional Refunds

If a Housing or Registration refund is due to a student under UCR’s refund policy and the student received financial aid under any aid program other than Federal Work-Study, the refund shall be returned to student assistance programs in the following order: outstanding balances on Federal Direct Unsubsidized Stafford Loan, Federal Direct Stafford Loan, Federal Perkins Loan, Federal Direct PLUS Loan, Federal Pell Grant, Federal Supplemental Educational Opportunity Grant, Cal Grant A or B, University of California Student Loan, Grant-in-Aid State, other institutional grants or scholarships. The portion of a refund allocated to a program may not exceed the amount a student received from that program.

**FINANCIAL SUPPORT**

Financial Aid Office
1156 Hinderaker Hall
(909) 787-5619; finaid@pop.ucr.edu; finaid.ucr.edu

The Financial Aid Office assists students with meeting educational expenses that cannot be met from personal resources. To obtain financial aid students must file the Free Application for Federal Student Aid (FAFSA) with the Financial Aid Office yearly. FAFSAs are available beginning December 1 for the upcoming academic year at the Financial Aid Office or at fafsa.ed.gov. See chart for deadlines for financial aid.

Students applying for other grants, loans, and work-study should apply as early as possible. Applications are accepted year-round, with awards to late applicants based on fund availability. Funding cannot be guaranteed to students whose FAFSAs are submitted after March 2.

An analysis of the FAFSA is required to determine the amount that a student’s parents, the student, and/or the student’s spouse can be expected to contribute toward the cost of the student’s education. The university expects the student and parent (if the student is dependent), or spouse (if the student is married), to contribute toward the educational costs to every extent possible. In addition to filing the FAFSA, applicants for financial aid may also be required to submit supporting materials (such as income tax returns) that the Financial Aid Office uses to determine each student’s financial need.

All undergraduate financial aid applicants are also required to apply for California State Grants (Cal Grant A and/or B) by completing the FAFSA and GPA Verification Form and submitting them by the March 2 filing deadline. If the California Student Aid Commission determines that a student is ineligible for a Cal Grant A or B award, the grant may be replaced with a Federal Direct Stafford Loan in the financial aid package from UCR.

International students are expected to have the necessary funds to cover their entire period of study. The Financial Aid Office does not have funds available to offer assistance to international students. Assistance is not available to students on Special or Limited status or to those enrolled in UCR Extension. An exception is made for students admitted on Limited status who are required to take required prerequisite course work for full admission into the Graduate Division. Students who fall into this category must submit documentation from the Graduate Admissions Office confirming that they are taking prerequisite course work for graduate admission.

For information on graduate student support, see Financial Support in the Graduate Studies section of this catalog.
Grants, Loans, Employment, and Scholarships

Students who receive financial aid may receive funds from one or more of the following sources: grants, loans, employment, and scholarships. These sources are described briefly in the following sections; more detailed information can be obtained from the Financial Aid Office.

Grants

The Federal Pell Grant program is federally funded and may provide awards up to a maximum of $4,000 for the academic year. To be eligible, an applicant must be a U.S. citizen or eligible noncitizen, must be enrolled as an undergraduate, and must not have previously received a bachelor’s degree. An exception is available for eligible students enrolled in the teaching credential program in the Graduate School of Education. Students apply for the Pell Grant on the Free Application for Federal Student Aid (FAFSA).

Federal Supplemental Education Opportunity Grants are federally funded, need-based grants available only to U.S. citizens and eligible noncitizen undergraduate students who have not previously received a bachelor’s degree.

The State of California–Cal Grant A and B Program The Cal Grant A program provides awards ranging from $100 to $3,429 for the academic year. To be eligible, new applicants must be California residents. Awards are based on academic achievement and financial need.

The Cal Grant B program provides awards ranging from $100 to $4,980. To be eligible, applicants must be California residents and must demonstrate financial need. The awards are for students from disadvantaged families.

UCR Grant awards are offered to undergraduates with the greatest financial need whenever guidelines and funding levels permit.

Loans

Normally, one or more types of loans are included in each combination of aid offered to a student. Borrowers must be aware of their repayment obligations.

Federal Direct Stafford Loans are available to both undergraduate and graduate students who are U.S. citizens or eligible noncitizens. The maximum amount that may be borrowed under this program is $2,625 per year for students in their first year of undergraduate study (0–44 quarter units), $3,500 per year for the second year of undergraduate study (45–89 quarter units), and $5,500 per year after reaching junior status (90 or more quarter units), up to an aggregate undergraduate maximum of $23,000. Graduate students may borrow up to $8,500 per year up to an aggregate maximum of $65,500 for combined undergraduate and graduate borrowing. Teaching credential students are limited to the $5,500 annual maximum for fifth year undergraduate students according to federal regulations.

In addition to these amounts, under the Federal Direct Unsubsidized Stafford Loan Program independent students may borrow $4,000 for the first or second year of undergraduate study (0–89 quarter units), or $5,000 for the third or fourth year of undergraduate study (90 or more quarter units) or teaching credential study, and $10,000 for graduate study. Interest on a Federal Direct Unsubsidized Stafford Loan accrues immediately and must be paid while in school or added back to the principal amount borrowed.

Independent undergraduate and teaching credential students may borrow an aggregate of $46,000 in combined Federal Direct Subsidized and Unsubsidized Stafford loans, and graduate students may borrow a combined aggregate maximum of $138,500, including undergraduate borrowing.

An origination fee of 3 percent is deducted from the amount of the loan prior to disbursement. The interest rate on Federal Direct Stafford Loans is variable and is established annually. The rate for new borrowers in 2002-2003 is 4.06 percent. Minimum monthly repayment of $50 per month begins 6 months after students cease to be enrolled at least half-time. Borrowers can choose a repayment plan based on their financial circumstances with repayment periods ranging from up to 10 years for standard fixed monthly repayment, to up to a period of 12 to 30 years under alternate repayment options. Information on repayment plans is available at ed.gov/DirectLoan/pubs/repabook.

Federal Perkins Loans are available to undergraduate students. These loans are awarded to students who are U.S. citizens or eligible noncitizens. The amount a student may borrow is determined by financial need but may not exceed $4,000 per year and a total of $20,000 for undergraduates. Repayment may be extended over a 10-year period. Interest is 5 percent on the unpaid balance, beginning 9 months after students cease to be enrolled at least half-time.

University Loans A limited number of University Loans are available to undergraduate students for up to $5,500. Awards are made subject to the availability of funds. The amount a student may borrow is determined by financial need. Interest is 5 percent on the unpaid balance; repayment may be made over a period of not more than 10 years, beginning 6 months after the date on which the borrower ceases to be enrolled at least half-time. Co-signatures are required.
Emergency Student Loan Fund In addition to the long-term loans from financial aid programs mentioned above, UCR has an emergency student loan fund. This loan, which does not bear interest, is of a short-term nature to cover emergency needs of up to $300. Students may borrow up to three times a year.

Employment

Federal Work-Study is awarded to students with demonstrated financial need. Work-study awards enable students to reduce the amount of loan indebtedness which they may incur while attending the university. Various work opportunities are available through the UCR Career Center in either on-campus or off-campus jobs at nonprofit and community services agencies.

Scholarships

Scholarship awards are based on a student’s academic achievements and, except for honorary scholarships, on need. Scholarships are considered gift assistance.

Most scholarships available through the Financial Aid Office are based on financial need. Other undergraduate scholarships are offered to entering and continuing undergraduates who show evidence of high scholastic attainment. Applicants must meet all priority deadlines for consideration. Non-need based scholarship awards, including Alumni and National Merit, are available to a limited number of undergraduate students. Financial need is not required, but award amounts may vary for applicants with documented financial need and for applicants who do not demonstrate financial need. Awards range from $750 to $2,000.

Regents’ scholarships, one of the highest honors conferred upon UC students, are awarded on the basis of academic excellence and exceptional promise, without reference to financial need. Students are eligible upon graduation from high school. The appointments run for four years for students entering from high school. Regents’ Scholars receive an honorarium each year of appointment. Students with financial need may also receive awards to offset any loan or work obligation up to the award’s annual limit, as long as they comply with all published application priority deadlines.

Chancellor’s Performance Awards Information on Chancellor’s Performance Awards may be obtained from the departments of Art, Creative Writing, Dance, Music, Political Science, and Theatre.

Engineering Scholarships Information on scholarships in the field of Engineering may be obtained from the College of Engineering Student Affairs Office.

Natural and Agricultural Scholarships Information on scholarships in the field of Natural and Agricultural Sciences may be obtained from the College of Natural and Agricultural Sciences Student Affairs Office.

Departmental Scholarships Some scholarships are available through academic departments. For more information, students should contact their department.

Graduate Fellowships and Assistantships For information on graduate fellowships and assistantships refer to the Graduate Studies section of this catalog or contact the Office of the Graduate Division.

Undergraduate Research Support UCR has a tradition of undergraduate and faculty interaction with a range of undergraduate student grants available during the academic year. The grants are designed to encourage undergraduates to engage in research, fieldwork, or other creative activity under the guidance of a faculty member for either one, two, or three academic terms. All awards are for meeting the costs of conducting a project and cannot be used as a student salary or scholarship aid.

Student grant proposals may be initiated directly by students after approaching a faculty member for sponsorship or by faculty suggesting projects to advanced undergraduates. Application forms and grant criteria are available through any academic department or the Office of Instructional Development, 111 University Office Building.

Student Minigrants are designed for one-quarter projects. Student Minigrants are funded up to $400, with no restrictions regarding undergraduate class level or grade point average (GPA). Awards are made each quarter.

Senior Student Grants are awarded for two-quarter projects. Senior Student Grants are funded up to $700. Applications are submitted in the fall quarter, and grants are awarded for winter and spring quarters only. Senior status at the time of award is required. Minimum GPA requirements are 3.30 in the major and 3.00 overall.

President’s and UCR Foundation Fellowships are usually awarded to juniors for year-long projects undertaken in the senior year. Applications are submitted the preceding spring quarter. Funding up to $1,000 is offered. A GPA of at least 3.50 in a student’s major is required.

REGISTRATION AND ENROLLMENT

Registration

Except where noted, all information applies to both undergraduate and graduate students. Additional information concerning enrollment and academic policies applying only to graduate students is given in the Graduate Studies section of this catalog. The quarterly Schedule of Classes, mailed to all new and readmitted undergraduate students and available to continuing students at the ASUCR Exchange and at classinfo.ucr.edu, lists classes, instructors, class hours, and class locations. The Schedule of Classes
contains detailed information on registration and where to obtain academic advising.

Official registration consists of two steps:
1. Enrollment in classes
2. Payment of fees

All new and readmitted students must also file a Statement of Legal Residence and obtain a photo ID card. New undergraduates may be required to take certain placement and diagnostic examinations before classes begin.

**Holds**

Students may have holds placed on their registration, financial aid, or release of academic transcripts for failure to:
1. Comply with admission provisions
2. Settle financial obligations with the university
3. Respond to official notices
4. Submit requested documents
5. Complete the hepatitis B vaccination requirement

Each student who becomes subject to a hold action is given advance notice and ample time to respond. In all cases, students must secure a release from the office initiating the hold action before they may enroll in courses.

**Enrollment in Classes**

**Web Enrollment**
students.ucr.edu/paws

**Phone Enrollment**
(909) 782-2866

Students may enroll in classes using UCR’s Web and phone service (PAWS). New students receive information about PAWS and enrollment from the Office of the Registrar approximately one month prior to their scheduled enrollment appointment. Continuing students enroll via PAWS during assigned appointments using materials they pick up from their academic advisors. Students should refer to the quarterly Schedule of Classes for complete course enrollment information.

**Adding and Dropping Courses**

After scheduled Web and telephone enrollment periods, students follow the in-person add/drop/change procedures and deadlines as published in the quarterly Schedule of Classes. Students are not automatically dropped from courses for nonattendance and will receive grades in all courses in which they are enrolled whether they attend or not. Students must file an add/drop form at the Office of the Registrar or drop the class using PAWS to avoid an “F” grade.

**Payment of Fees**

By mail or in person (9 a.m. to 4 p.m.)
Cashier’s Office, 1127 Hinderaker Hall, or
Housing Cashier’s Office, 3595 Canyon Crest Drive
Deadline dates are published in the quarterly Schedule of Classes

The university registration fee, educational fee, student-assessed fees, nonresident tuition (if applicable), professional school fees (if applicable), and mandatory health insurance must be paid for the student to be registered. Student Business Services sends a monthly Statement of Account to all students the month before fees/tuition are due, the month that they are due, and/or when there is a balance owing on their account for any miscellaneous charges. In the event that fees/tuition are paid in full the first month billed and no miscellaneous charges are owing, then the following month a zero balance statement will be sent to confirm payment of fees/tuition. Registration fees are due and payable upon receipt of the Statement of Account and are always due before instruction begins.

Students must be enrolled in courses for financial aid to be disbursed. Student financial aid awarded to pay registration fees is credited to the individual student’s account and appears on the Statement of Account as a payment or credit. Students whose registration fees are partially paid by financial aid funds are required to pay the balance in order to complete their registration. Fee payment is not required to enroll through PAWS. However, failure to pay fees or enroll in courses by deadlines can result in loss of courses or lapse of student status. Lapse of student status means loss of all credit for courses for the quarter and loss of student privileges, such as financial aid awards and student services.

**Health Evaluation**

Each student who enters UCR for the first time, or reenters after an absence of more than one year, is required to complete a medical history form. The form is mailed out by the Campus Health Center. Should one not be received by two weeks prior to the beginning of the quarter, it may be obtained by telephoning (909) 787-3031, or by writing the Campus Health Center. The information is not intended to exclude students from school but instead to better serve them while they are here, to make sure that there are no health hazards to themselves or to others, and to permit their activities to be adjusted so that they can make the most of their opportunities at the university.

Before coming to the university, all students are urged to have their own physician and dentist examine them for fitness to carry on university work and to have all defects capable of being remedied, such as den-
UCR strongly recommends that all students have a computer with Internet access.

Students should consult the appropriate section concerning the faculty advising program in their college.

Faculty Advisement
Program counseling by a faculty member in their field of specialization is available to all students. Students should become familiar with the university, college, and major requirements, since completion of all graduation requirements is their responsibility.

Computer Expectation Policy
UCR strongly recommends that all students have a computer with Internet access. UCR faculty will assume students have such access, and academic work may require it. The UCR administration will also assume that students have Internet access, and many administrative tasks may require students to use the Internet. For information concerning computer acquisition, student network access, student computing labs, and student computer support, please visit UCR's Student Computing Services Web site cnc.ucr.edu/scs/computeraccess. Recorded information is available at (909) 787-2616.

Candidacy for Degrees/Application for Graduation
Undergraduate students are responsible for informing their college office of their candidacy for the bachelor's degree. Students in the College of Engineering should check with the Student Affairs Office at the beginning of their final quarter to be certain they are on the appropriate degree list. Students in the College of Humanities, Arts, and Social Sciences; the College of Natural and Agricultural Sciences; and in the College of Engineering should check with their departmental advisor at the beginning of their senior year and with the Student Affairs Office at the beginning of their final quarter to be certain they have met all requirements for the degree and are on the appropriate degree list.

Students must file applications for graduation with their college or with the Graduate Division. Application deadlines for undergraduate and graduate students are listed in the Calendar section of the quarterly Schedule of Classes.

Information regarding candidacy for advanced degrees may be found in the Graduate Studies section of this catalog.

Change of Address
Students who change their local, permanent, or billing address should notify the Office of the Registrar in writing. Students may update their address information online on PAWS. Change-of-address forms are also available at the Office of the Registrar, 1100 Hinderaker Hall, and as a tear-out form in the Schedule of Classes.

Part-Time Study
Undergraduates Part-time study (less than 12 units) is available to undergraduate students who find it difficult to enroll full time because of health problems, family and home responsibilities, or occupational and financial need. Students undertaking an approved course load of 10 units or fewer in any quarter receive a 50 percent reduction in the educational fee for that quarter. Students considering part-time study should discuss their plans with the associate dean of their college, whose approval is required.

Graduates In some programs, half-time study is possible for graduate students who for reasons of occupation (i.e., full-time employment), unusual family responsibilities, or health reasons are not able to attend full time. A half-time student may not enroll for more than 6 units at any level. Graduate students who are approved for this program receive a refund of one-half of the educational fee, one-half of the nonresident tuition (if applicable), and one-half of the M.B.A. student fee (if applicable). For further details and an application, contact the Graduate Division.

Concurrent Enrollment Programs
UCR credit for any course taken at another college institution, including UCR Extension, while the student is in residence at UCR is called credit from concurrent enrollment. Credit is normally awarded only under unusual circumstances or through the Cross Registration Program described below during the regular academic year and only with prior approval of the dean of the UCR college in which the student is enrolled.
UCR Extension students taking regular-session UCR courses through concurrent enrollment may receive grade points as well as unit credit, should they continue in or be subsequently admitted or readmitted to regular UCR student status. A transcript of the work must be submitted to the Office of Undergraduate Admissions.

Courses taken elsewhere during the summer by a UCR student do not require that the student be under extraordinary circumstances, but they do require prior approval to receive UCR credit even if the student is not in residence at UCR during that summer.

Regular Summer Sessions courses taken at UCR are credited automatically to the UCR academic record of any student enrolled in the regular academic year. A UCR student may request unit credit toward graduation for courses taken in summer session at other UC campuses by submitting a transcript of the work to the Office of Undergraduate Admissions.

**Cross Enrollment** The California Education Code Sections 66750 through 66756, commonly referred to as Senate Bill 1914 (Killea), permits undergraduate students enrolled in any campus of the California Community Colleges, the California State University, or the University of California to enroll without formal admission in a maximum of one course per academic term at a campus of either of the other systems on a space-available basis at the discretion of the appropriate campus authorities on both campuses. At UC campuses, the beginning of the third week of instruction has been designated as the date by which an instructor can determine when space is available to accommodate a student seeking to enroll on this basis. (Normally instructors in all segments permit students to attend classes until their final course registration has been certified.) Cross enrollment at another campus within the same system is excluded, as is enrollment in precollegiate courses. Students who seek to cross enroll under this program must have met all of the following requirements:

1. Completed at least one term at their home campus as a matriculated student
2. Enrolled for a minimum of six units at their home campus for the current term
3. Earned a cumulative grade point average of 2.00
4. Paid appropriate fees and any applicable tuition at their home campus for the current term
5. Completed appropriate academic preparation for the desired course, as determined by the host campus, consistent with the standards applied to regularly enrolled students
6. Have been classified as a California resident by their home campus

Both schools must be participating in this program before a student can take a course at another institution for the $10 cross enrollment fee. Additional information and cross enrollment application forms are available at the Office of the Registrar, 1100 Hinderaker Hall.

**Cross Registration** The Cross Registration Program allows a full-time UCR undergraduate student who has officially declared a major and who is in good academic standing to simultaneously enroll at California State University, San Bernardino for no more than one course per quarter. The program is designed for students to take classes not available at UCR. Approvals are required from the student’s academic advisor, college dean, and the Registrar. Application forms and deadline information may be obtained from the Office of the Registrar, 1100 Hinderaker Hall.

**Simultaneous Enrollment** Undergraduate students may enroll, without formal admission and without payment of additional university fees, in courses at another UC campus on a space-available basis at the discretion of the appropriate campus authorities on both campuses.

A student is qualified for simultaneous enrollment if the student has met all of the following requirements:

1. Completed a minimum of 12 units as a matriculated student at the home campus
2. Enrolled for a minimum of 6 units for the current term at the home campus
3. Is in good standing
4. Has the appropriate academic preparation as determined by the host campus

Additional information and simultaneous enrollment application forms are available at the Office of the Registrar, 1100 Hinderaker Hall.

**Intercampus Visitor Program**

The Intercampus Visitor Program enables qualified undergraduates at the University of California to take advantage of educational opportunities at other University of California campuses. Under this program, students may take courses that are not available on their home campus, participate in special programs, or study with a distinguished faculty member at another campus.

Participants may enroll at another campus for only one term. Additional information on requirements and application forms can be obtained at the Office of the Registrar, 1100 Hinderaker Hall.

**Withdrawals and Leaves of Absence**

An undergraduate student who wishes to terminate work in the university during a current quarter, officially and without scholarship penalty, must initiate an application for withdrawal in the office of the dean of the student’s college. Also, the student must settle all accounts due and return any university property such as books, keys, laboratory equipment, and uniforms. After the first few weeks of the quarter, such petitions are granted only under exceptional circumstances.
A student who withdraws is no longer considered a continuing student. A student wishing to return to the university must apply for readmission at least six weeks prior to the beginning of the quarter of enrollment in order to be sure of registration without late fees.

Students who withdraw from the university without authorization may receive grades of “F” in all courses in which they are enrolled. Further, the Special Services Office is required to notify the Department of Veterans Affairs when any student fails, receives no credit, or withdraws from all subjects undertaken.

The Planned Educational Leave Program (PELP) at UCR is designed for undergraduate students who wish to interrupt their regular education for one year or less while clarifying educational goals, gaining practical experiences away from campus, or in other ways enhancing the prospect of successful completion of an academic program. A student must have completed at least one quarter of course work at UCR and be in good academic standing to qualify for PELP. Students holding F-1 visas are unable to participate in this program. Information on PELP is available in the office of the dean of the student’s college, the Counseling Center, and the Office of the Registrar.

Graduate students who wish to withdraw or apply for a leave of absence should contact the Office of the Dean of the Graduate Division.

Readmission

Undergraduate students who wish to return to UCR must file an application for readmission with the Office of the Registrar at least six weeks prior to the quarter of proposed registration. A nonrefundable application fee of $40 is charged. Approval of the dean of the student’s college or division is required for readmission. Students dismissed or not in good standing may be required to meet with the appropriate dean. Readmission of students disqualified for other than scholarship is subject to approval of the Vice Chancellor, Student Affairs.

Transcripts from other institutions, including University Extension, attended during a student’s absence must be filed with the Undergraduate Admissions Office at least six weeks prior to the quarter of readmission. Students who were not registered during the fall, winter, or spring quarter immediately prior to their expected graduation must file an application for readmission with the Office of the Registrar.

Graduate students desiring readmission or termination of leaves of absence should contact the Office of the Dean of the Graduate Division.

Student Records and Transcripts

The Office of the Registrar prepares and permanently retains records of students’ academic work at UCR for regular sessions as well as for summer sessions. Separate academic records for undergraduate, professional, and graduate careers are maintained. The student academic record chronologically lists courses, units, grades, cumulative grade point average, transfer credits, and total units.

The transcript of a student’s UCR academic record is released only upon receipt of a signed request by the student authorizing the release. Application may be made in person at the Office of the Registrar, 1100 Hinderaker Hall, or by mail; telephone requests cannot be honored. Students can order transcripts for regular or rush service. For regular service, a fee of $4 is charged for each official transcript. Application should be made two weeks in advance of the time the transcript is needed. Through rush service the transcript is available within 24 hours of receipt of the application; rush service requires a fee of $4 per transcript plus a $10 service fee. Express mail service is available for an additional $13.65. FAX service is available at $2 per page plus the aforementioned charges as appropriate. Payment is due in advance for all transcript service. A check or money order payable to UC Regents should be submitted with the application for transcript. All outstanding debts to the university (with the exception of long-term financial aid loans not yet due and payable) must be paid in full before a transcript will be released.

Students may access their final grades at the end of each quarter by using PAWS. Students should have their student identification number (Social Security Number in most cases) and their permanent personal identification number (PERMPIN) ready when using PAWS to access grades.

Students may also obtain a grade report at no charge at the end of each term from the Office of the Registrar, 1100 Hinderaker Hall, by presenting their photo ID.

Students are strongly advised to check their academic records carefully and to bring any discrepancies to the attention of the Office of the Registrar immediately. Supporting enrollment documents are retained for no more than one year. After one year, it is assumed that students accept the accuracy of their academic records. Once a degree has been posted, changes to a student’s academic record are allowed only to correct an administrative error.

For information regarding regulations concerning disclosure of student records see appendix B.
CATALOG RIGHTS POLICY FOR UNDERGRADUATE DEGREES

Students who enter UCR as freshmen will normally follow the catalog in effect in their first year of studies. Transfer students who have completed appropriate transfer programs have prior catalog rights. Check with the college dean’s office for more information.

Academic Senate Regulation R6.12 states as follows: To be awarded the bachelor’s degree, a student must either (a) meet graduation requirements in the UCR catalog in effect in the year of his/her graduation from the Riverside campus; or (b) fulfill graduation requirements in one UCR catalog applicable during any of the previous four years in which the student successfully completed at least one quarter or one semester of full-time college-level work, regardless of where matriculated. Upon applying for candidacy, the student must specify the applicable catalog.

CREDIT AND GRADES

UCR operates under the quarter system. For purposes of transfer credit, units earned under the semester system are converted to quarter units at the time of admission, with 1 semester unit equal to 1 1/2 quarter units.

At UCR, courses are assigned a unit value determined by the number of hours of work per week required of the student. Specifically, Academic Senate regulations require three hours of work per week for each unit of credit. For example, in a 4-unit course scheduled to meet four hours per week, a student is expected to spend eight hours of preparation outside of class.

Grades in courses are assigned as follows:

- **Passing**
  - “A” (distinction), “B” (high pass), “C” (pass), “D” (marginal pass). Grade point values per unit are as follows: “A”=4, “B”=3, “C”=2, “D”=1. The grades “A,” “B,” “C,” and “D” may be modified by plus (+) or minus (-) suffixes. Minus grades carry three-tenths grade point less per unit, and plus grades (excluding “A+”) carry three-tenths grade point more per unit than unsuffixed grades.

- **Not passing**
  - “F” (failure). No grade point value.

- **Incomplete**
  - “I.” Units are not charged and grade points are not assigned.

- **Withdrawal**
  - “W.” Course dropped after the third week of classes. Units are not charged and grade points are not assigned.

The grade point average (GPA) is determined by multiplying each grade point value by the number of units assigned to the course, adding up these grade point units, and dividing the total grade point units by the total number of units for which letter grades are received. The grade point balance, also calculated on the transcript, represents the number of grade point units students have earned above or below the GPA required for their degree objective. In the case of undergraduates, it is a “C” average (2.00); for graduate students, it is a “B” average (3.00).

Satisfactory/No Credit Grades

A student in good standing may undertake courses on a Satisfactory/No Credit (S/NC) basis subject to the following limitations. The grade “S” will be awarded for work satisfactory for unit credit in meeting degree requirements. For undergraduates the requirement is a “C” average (2.00); for graduate students it is a “B” average (3.00). Units are assigned for courses graded “S,” but “S” has no grade point equivalent and does not enter the GPA. Neither units nor grade points are assigned for an “NC” grade; the grade is recorded on the record card but does not enter the GPA.

Some graduate courses and some undergraduate courses may, in accordance with regulations, be designated for grading on an S/NC basis only. Graduate courses are letter graded unless the course description specifies otherwise. In certain preidentified graduate courses, the department may allow a third (residual) category in which a graduate student may elect to take a course on an S/NC basis, provided that the graduate advisor consents. (Graduate students must petition to take undergraduate courses outside their major on an S/NC basis, and may not take undergraduate courses in their major on an S/NC basis.) Students should consult the Graduate School of Education before electing courses on an S/NC basis to be used for a teaching credential.

Students enrolled in an undergraduate degree program may receive credit for courses undertaken and graded “S” on the UCR campus to a limit of one-third of the total units undertaken and passed on the Riverside campus at the time the degree is awarded. Units completed on another campus of the university by a Riverside undergraduate student enrolled as an intercampus visitor are considered Riverside work for the purposes of this regulation.

Courses required in or prerequisite to the undergraduate student’s major subject may be taken on an S/NC basis only on approval of the chair of the student’s department (or other primary instructional unit) in each individual case. A student on “special” or “limited” status may take courses on an S/NC basis at the discretion of the dean of the school or college in which the student is enrolled. Courses in the X or XR300, X400, or 300 series are not subject to the one-third limitation on courses graded “S.” For addi-
A student may elect "S/NC" or delete "S/NC" from a course by filing a petition with the Registrar. The deadline is the end of the eighth week of instruction and is listed each quarter in the Schedule of Classes.

Incomplete Grades
The grade “I” (incomplete) is a provisional grade which denotes that a student’s work was of passing quality but incomplete for good cause. Units attempted are not charged for courses graded “I.” The grade of “I” may be replaced if the work is completed as specified by the instructor prior to the end of the following quarter. When a course graded “I” has not been successfully completed after one additional quarter or by the time the student is ready to graduate, whichever is less, it will be replaced by a grade of “F,” or by “NC” if the course were taken on an S/NC basis. The appropriate dean may extend the time for successful completion when he or she considers that circumstances warrant it, provided the request is received before the grade “I” is changed to “F” or “NC.”

In Progress Grades
For certain courses extending over more than one term, where, by consent of the Academic Senate, evaluation of the student’s performance may be deferred until the end of the final term, provisional grades of “IP” (in progress) shall be assigned in the intervening terms.

Neither units nor grade points shall be assigned for “IP” grades. The provisional grades shall be replaced by the final grade if the student completes the full sequence. In the event that the full sequence is not completed, the grade “IP” will be replaced by the grade “I,” and further changes in the student’s record will be subject to regulations governing the grade “I.”

Workload Credit
Workload credit is given for UCR classes preparatory to regular university work. Currently this includes MATH 003 and BSWT 001, BSWT 003 and BSWT 003D. Workload credit does not carry units for graduation but does count as part of a student’s academic course load and enrollment status.

Repetition of Courses
Repetition of courses not authorized to be taken more than once for credit is subject to the following conditions: A student may repeat only those courses in which a grade of “D,” “F,” or “NC” was received (except in the case of BSWT 001, BSWT 003, BSWT 003D, ENGL 001A, ENGL 001B, ENGL 001C, and ENGL 01SC in which a grade of “C-” may be repeated). Courses in which a grade of “D” or “F” has been earned may not be repeated on an S/NC basis. Repetition of a course more than once requires approval by the appropriate dean in all instances. Degree credit for a course will be given only once. When a course is repeated, only the most recently earned grade shall be computed in the GPA, up to a total of 16 units of repeated UC course work. In the case of further repetitions, the GPA shall be based on all grades assigned and the total units attempted.

Students should be aware that some professional and graduate schools will count the grades for all courses, including those repeated later, in calculating a student’s GPA. The GPA used by such schools could differ significantly from that shown on a student’s UCR transcript.

The Department of Veterans Affairs will not consider toward full time those units which are a repeat of courses in which a grade of “D-” has been received, unless a higher grade in the course is specifically required for graduation. Contact Student Special Services, (909) 787-4218 for additional details.

Change of Grade
All grades except “I” and “IP” become final when they are assigned. No term grade may be revised by reexamination. No change of grade may be made on the basis of reassessment of the quality of a student’s work. An instructor may approve and report to the Registrar a correction of a recorded course grade at any time if clerical or procedural error has been made in assigning, transmitting, or recording the original grade.

Procedures for the Appeal of Grades
The Regulations of the Riverside Division of the Academic Senate state that if a student believes that nonacademic criteria have been used in determining a grade, the student shall attempt to resolve the grievance with the instructor of the course through written appeal to the instructor via the chair of the department. If the grievance is not resolved to the student’s satisfaction at the departmental level, the student may file a complaint with the dean of the college or school having jurisdiction over the course or with the dean of the Graduate Division if the student is in graduate status. The complaint should be filed immediately after the alleged use of nonacademic criteria but no later than six weeks after the beginning of the subsequent quarter. Nonacademic criteria are criteria not directly reflective of class performance, such as discrimination on political grounds or for reasons of race, religion, sex, or ethnic origin or for other arbitrary or personal reasons.
Final Examinations
The instructor in charge of an undergraduate course shall be responsible for assigning the final grade in the course. The final grade shall reflect the student’s achievement in the course and shall be based upon adequate evaluation of that achievement. The instructor’s methods of evaluation must be clearly announced during the progress of the course. Evaluation methods must be of reasonable duration and difficulty, and must be in accord with applicable departmental policies. The methods may include a final written examination, a term paper, a final oral examination, a take-home examination, or other evaluation device. If a final written examination is given, it shall not exceed three hours in duration and shall be given only at the time and place announced in the Schedule of Classes. No student shall be excused from assigned final examinations.

Backdating Units
Undergraduate students who have no more than two courses or 8 units of course work remaining to be completed in their program for the bachelor’s degree at UCR and who have been approved for admission to graduate status may begin the course work for an advanced degree at the beginning of their final quarter of undergraduate study. The student must inform the college office prior to enrollment in course work. When students are registered in graduate status, they then petition for credit for the courses completed beyond those required for a bachelor’s degree. The petition must be signed by the dean of the school or college, attesting to the fact that the student’s deficiency was as stated, and the petition is subject to approval by the department and the dean of the Graduate Division.

Credit by Examination
Credit by examination may be earned in accordance with regulations established by each college. The student should consult the Undergraduate Studies section of this catalog for specific regulations.

A UCR student in residence may take examinations for degree credit in courses offered on the campus without formally enrolling in them. The results of the examinations are entered upon the student’s record. There is a $5 service charge for each petition.

Undergraduate Credit for Graduate Courses
Students interested in obtaining undergraduate credit for graduate courses should contact the office of the dean of their college for further information.

Class Standing
Undergraduate classification is determined by the number of quarter units earned. Postbaccalaureate and graduate classifications are based on the student’s academic objective and whether or not the student is advanced to candidacy for a doctorate.

Scholarship Regulations
Academic Standing To remain in good academic standing a student must maintain a GPA of at least 2.00 and make progress toward the degree at a satisfactory rate.

Academic Probation Students will be placed on academic probation if, at the end of any term, their GPA for the term is less than 2.00 but greater than 1.50, or their cumulative GPA, computed on the total of all courses undertaken in the university, is less than 2.00 (“C” average).

Academic Disqualification Students are subject to disqualification from further registration in the university (a) if, at the end of any term, their GPA for that term is less than 1.50 or (b) if, after two terms on academic probation, their cumulative GPA, computed on the total of all courses undertaken in the university, is less than 2.00 (“C” average).

If, after one quarter on academic probation, the cause for probation has not been removed, Student Special Services is required to notify the Department of Veterans Affairs (DVA), and benefits may be terminated. Students who are allowed by the university to continue may file a request for resumption of benefits with Student Special Services.

Students who become subject to the provisions of this regulation will also be subject to such supervision as the faculty of their college may determine. The faculty may disqualify a student under its supervision from further registration in the university or, by suspending the provisions of this regulation, may permit a student subject to disqualification to remain in the university.

Undergraduate students who are disqualified are excluded from the university, and their connection with the university is presumed to be ended by such exclusion. Under certain circumstances, disqualified students may be readmitted upon their petition to the college and interview with the dean. Ordinarily, students will not be readmitted until after the lapse of a year and unless their deficiencies are reparable within a reasonable period of time. During the period of disqualification, a student must
give evidence of conduct which indicates that improved academic performance can be expected upon readmission. If readmitted, students must remove their deficiencies through above-average work undertaken in the university. It is usually required that all deficiencies be removed during the first year after readmission.

To transfer from one campus of the university to another, or from one college to another on the same campus, students who have been disqualified or who are on probation must obtain the approval of the appropriate dean to whose jurisdiction transfer is sought. Upon completion of the transfer, the students are subject to such supervision as the faculty of their college may determine.

Graduate students must maintain an average of at least three grade points per unit in all upper-division and graduate courses taken for letter grade during residence at the University of California. Only courses in which the student is assigned grades “A,” “B,” or “C,” or equivalent, may be counted in satisfaction of the requirements for the master’s degree. Graduate students who acquire scholarship deficiencies are subject to action by the dean of the Graduate Division.

Programs for Outstanding Students
Departments of the colleges offer and administer various courses and honors programs for specially prepared, outstanding students. In some departments, equivalent special studies and seminar programs have been designed for students with special aptitudes. Interested students should consult their faculty advisors early for details of the program in their major department.

Honors

Chancellor’s Honor List Students who are placed on the dean’s honor list for all three quarters in a single academic year (fall, winter, and spring) will be placed on the Chancellor’s Honor List for that academic year.

Dean’s Honor List Any student who in any quarter completes a minimum of 12 units with letter grades, with no grade in any course below a “B,” and who has a GPA of 3.50 or better for all work undertaken in the university for that quarter, will be placed on the Dean’s Honor List.

Graduation with Honors The Academic Senate has established the following standards for award of honors at graduation: No more than the top 2 percent (by GPA) in the June graduating class shall receive highest honors. No more than the next 4 percent of graduating students shall receive high honors, and no more than the next 10 percent shall receive honors. To be eligible for honors at graduation, a student must have completed 60 or more quarter units of graded courses at the University of California. The GPAs used to determine class rank shall be based on courses taken at the University of California.

Students may obtain a statement of the specific requirements for graduation with honors from the office of the dean of their college.

University Honors Program For a description of the University Honors Program, see Supplementary Education Programs in the front of this catalog. For a listing of requirements and courses, refer to University Honors Program in the Curricula and Courses section of this catalog.
Student Services

ASSOCIATED STUDENTS (Undergraduate Student Government)

213 Commons
(909) 787-3621; asucr.ucr.edu

The Associated Students (ASUCR) represents all campus undergraduate students. The governing body is a 20-member student senate with membership elected by students from each of the three colleges: Engineering, 2 members; Natural and Agricultural Sciences, 6 members; and Humanities, Arts, and Social Sciences, 12 members. The senate chooses from its own membership a president, a chairperson, a vice president of external affairs, and a vice president of campus internal affairs. Additionally, the senate fills five positions from the general student body: a vice president of finance, a personnel chair, an outreach director, an academic affairs director, and an elections chair. Together, these officers comprise the cabinet, which serves as the decision-making body when senate is not in session.

Officers The president and vice president of campus internal affairs address on-campus issues, the vice president of external affairs interacts with the other UC campuses on state and national issues, and the vice president of finance manages the financial branch of student government.

Support ASUCR is supported by the ASUCR fee, which is $15.50 per quarter. The breakdown of the fee is as follows: $2.00 for funding clubs and organizations; $3.00 for KUCR, the on-campus radio station; and $10.50 for projects such as free legal aid, student-owned and operated businesses, and various campus publications.

ASUCR is a member of the University of California Student Association (UCSA), where they are represented systemwide and statewide, and of the United States Student Association (USSA), where they are represented nationally. Both of these bodies address issues of higher education such as financial aid and student outreach and retention as they relate to a broad constituent of students.

On campus, ASUCR, in conjunction with the personnel chair, appoints undergraduates to several important committees that play a role in campus governance, including the Commons Board of Governors, the Recreation Facility Board of Governors, the Registration Fee Advisory Committee, Student Conduct, and the Parking Committee.

The Exchange is ASUCR’s student-owned and -operated business next to the East Food Court, (909) 787-2689. The store offers discounted tickets to major theater chains in the area and to recreation venues such as Knott’s Berry Farm, Magic Mountain, San Diego Zoo and Wild Animal Park, Sea World, and Universal Studios; and seasonal tickets to Bear Mountain and Mountain High ski resorts, California Adventure Park, Disneyland, Knott’s SCARY Farm, Raging Waters, the Renaissance Faire, and Universal Studios Halloween Haunt. The store sells balloon bouquets, class rings, graduation announcements, and diploma frames. At the Greek Corner, sorority and fraternity members may purchase gifts, create paddles, design custom letters, and special order jewelry. The store also sells 10%-off greeting cards and school supplies. Also available are self-serve photocopying, discounted 24-hour photo processing (both Kodak and Standard), and mail services, including Airborne, FedEx, UPS, and U.S. Mail.

GRADUATE STUDENT ASSOCIATION

222 Commons
(909) 787-3740; gsaucr@citrus.ucr.edu; gsa.ucr.edu

The Graduate Student Association (GSA) represents all of the campus graduate students, including credential and fourth-year biomedical students. It is a university unit governed by the Graduate Student Council that comprises representatives from each of UCR’s graduate programs. Officers, elected at large, are president (oversees the operations of GSA and acts as liaison with the administration); executive vice president (represents GSA on and informing GSA regarding systemwide and statewide issues); vice president of academic affairs (coordinates with individual departments and departmental associations); health insurance chairperson (reviews health care and insurance coverage); and public relations officer (in charge of public relations and Web site maintenance). GSA is supported by a separate $16 per quarter student fee, which it administers and allocates annually for various graduate services such as the immigrant program that provides travel grants to graduate students who attend or present research at professional conferences. In addition, GSA has a fund for graduate students to use for hosting speakers or conferences at UCR.

GSA is a member of the University of California Student Association, which represents all University of California students and has a separate lobby program in Sacramento. GSA is heavily involved in campus governance and appoints students to serve on various committees.

Associated Students (Undergraduate Student Government)
Graduate Student Association
Student Life and Leadership Center
Athletics and Recreation
Campus Health Center
Career Services Center
Counseling Center
Ethnic Student Programs
Housing
International Student Services
The Learning Center
Student Special Services
Other Services for Students — bookstore, media, food, culture, police, transportation, parking, and more

Lead singer Monique, of the band Save Ferris, performs at Spring Splash.

Photo by Jeanne Boyer
STUDENT LIFE AND LEADERSHIP CENTER
145 Costo Hall
(909) 787-7344; studentlife.ucr.edu

The Student Life and Leadership Center helps enhance the educational mission of the university through student leadership and development.

Special Events/Activities Activities include Welcome Back Week, UCR Block Party, the Leadership Program, Activities Honor Society, Student Recognition and Awards, Scot’s Week, Music on the Patio, International Food Faire, Activities Faire, and Wednesday Nooners (weekly free concerts and activities on the Tower Mall).

UCR Varsity Band The UCR Varsity Band is made up of student musicians and performs for men’s and women’s varsity home games. Students may also perform in the University Concert Band and Jazz Ensemble. (See listing under MUS 165, Concert Band, and MUS 164, Jazz Ensemble, in Music.)

Campus and Community Service Program The Community Service Program, located in the Student Life and Leadership Center, consists of two main services which provide volunteers for the community and tutors for local schools. UCR students may gain valuable work experience, academic credit, and/or pay while in service to their community. The campus and community service program connects UCR students and student groups with nonprofit agencies in the community that need volunteers. The tutorial program offers assistance to K-12 students, both on an individual basis and in the classroom.

New Student Orientation Program — Bear Facts
Orientation Office, Student Life and Leadership Center
145 Costo Hall
(909) 787-2789; www.studentlife.ucr.edu

The new student orientation program, called Bear Facts, is designed to familiarize a new student with many aspects of campus life such as placement exams, class selection, enrollment information, registration, and issues like time management and adjusting to the quarter system. Freshman students and their families can choose from two-day summer programs or one-day events.

Each quarter the Transfer and Reentry Services Center — H-101 Bannockburn Village, (909) 787-5307 — hosts an information fair for incoming transfer and reentry students. Transfer and Reentry Orientation helps ensure a successful transition to the university. During orientation students meet with peer mentors and find out about student services and campus life.

Student Organizations UCR has approximately 200 organizations established and maintained on the basis of student interest. These organizations include fraternities and sororities; and recreation, religious, academic, cultural, and ethnic clubs. The Student Life and Leadership Center encourages and advises student organizations as well as maintains a quarterly listing of all registered organizations. Mailboxes, banner supplies, poster approval, and program advising are available. The Activities Fair is sponsored each quarter to allow all organizations an opportunity to obtain new members.

ATHLETICS AND RECREATION

Student Recreation Center
Linden Street (northwest side of campus)
(909) 787-5738; clifs.ucr.edu/src

Hours (indoor and outdoor):
Monday through Thursday, 6 a.m.–midnight; Friday, 6 a.m.–9 p.m.
Saturday, 9 a.m.–9 p.m.; outdoor facility: 7 a.m.–9 p.m.
Sunday, 9 a.m.–midnight; outdoor facility: 7 a.m.–11 p.m.

The Student Recreation Center (SRC) offers students, staff, and faculty the opportunity to exercise and recreate at their convenience. The 80,000-square-foot center includes a 9,000-square-foot fitness center, 6,000 of which is devoted to free weights and selected weight machines. Another 3,000 square feet contains exercise bikes, treadmills, elliptical trainers, and stair climbers. This cardiovascular area overlooks four racquetball courts and one squash court. Also available are three large multipurpose rooms with mirrors used for aerobic classes, martial arts, dance, and individual student use. The SRC also houses four full-sized basketball courts, which are lined for volleyball and badminton. The new outdoor complex contains 10 regulation tennis courts, two volleyball courts, two basketball courts, and one roller hockey court that is also lined for basketball. All required equipment is available for checkout.

Recreation Programs The SRC has men’s, women’s, and coed intramural leagues in basketball, volleyball, softball, flag football, soccer, tennis, roller hockey, bowling, golf, and racquetball. One-day tournaments are also offered for the occasional player in tennis and racquetball. Outdoor Excursions offers white-water rafting, backpacking, rock climbing, and kayaking, among other activities. The SRC has tents, sleeping bags, and stoves as

Roller hockey is one of the many options for recreation on campus. Students can also test their limits on a challenge course at the Student Recreation Center as they jump for a trapeze bar, walk across a balance beam, or climb for the top of the rock wall.
well as cross country ski packages and snowboards for rent. Some of the Leisure Line recreation classes include ballroom and hip hop dance, children’s karate, judo, tai chi chuan, tennis, step aerobics, and cardio kickboxing. Competition and social activities can be found through recreation and sports clubs for skiing and snowboarding, paintballing, badminton, and cycling. Market Day, an arts and crafts fair with more than 100 vendors, is sponsored twice a year.

**Intercollegiate Athletics**

Director: Stan Morrison, M.S.
120 Physical Education Building
(909) 787-4292; www.athletics.ucr.edu

UCR is a member of Division I of the National Collegiate Athletic Association (NCAA) and participates in the Big West Conference in 17 sports. UCR produced five national champion teams, 17 individual national champions, 175 All-Americans, and numerous conference and regional champions while participating at the Division II level prior to 2001. Additionally, 43 student-athletes have received Academic All-American status at the regional and national levels since 1985. Although not an NCAA affiliate, the UCR karate program is one of the finest in the nation, with seven team national championships to its credit.

UCR offers eight teams for men interested in participating on the collegiate level: basketball, baseball, cross country, golf, soccer, tennis, and indoor and outdoor track and field. Women’s sports offer nine teams: basketball, cross country, golf, soccer, softball, tennis, indoor and outdoor track and field, and volleyball.

Athletic programs are supported by student fees and by private gifts developed through the work of the UCR Athletic Association and the UCR Athletic Development Office.

**CAMPUS HEALTH CENTER**

Director: Susan Mackintosh, M.D.
Veitch Student Center
(909) 787-3031

Health insurance, including waivers: (909) 787-5683; fax (909) 787-4374

The Veitch Student Center building, located in the northeast area of campus between the residence halls, contains a complete outpatient health center, including laboratory and X-ray services. It is open Monday through Friday during scheduled hours when school is in regular session. Students should make an appointment, unless in an emergency. Appointments are necessary for the specialty clinics. Most care is funded by registration fees, but there may be charges for laboratory work, medications, dental care, vision care, and certain other procedures.

**Student health insurance** is a nonacademic condition of enrollment. All students are automatically enrolled in a health plan. The premium is billed on students’ account statements received each quarter. The Campus Health Center is the primary care facility for the mandatory plans and supplements the outpatient care available to all registered students. Students who can demonstrate comparable insurance coverage from another source may apply to be exempt from the mandatory plan. Call (909) 787-5683 or fax (909) 787-4374 to inquire about deadlines to file a waiver or to have a waiver request form sent. Deadlines for waivers are published in the quarterly *Schedule of Classes*.

**Dependents** An optional health insurance plan for dependents is available during the first 30 days of each quarter.

Information regarding policy benefits, brochures, lists of contracted providers, petitions for exemption from the mandatory insurance plan, and optional dependent coverage is available through the Campus Student Health Insurance Office, Veitch Student Center, (909) 787-5683, fax (909) 787-4374.

**CAREER CENTER**

Director: Deborah J. McCoy, M.A.
Veitch Student Center (Northwest wing)
(909) 787-3631; www.careers.ucr.edu

The Career Center provides assistance to undergraduate and graduate students in career decision making, internship/cooperative education placement, graduate and professional school application, and the job search process. It is open year-round.

Students are encouraged to use the Career Center throughout their years at UCR. For a modest fee, alumni may also take advantage of these services.

**Career Planning**

**Career Library** The center’s library contains general career information, reports of wage and labor trends, employment forecasts, job search materials, directories of employers, and current job openings.

**Career Seminars and Workshops** Workshops are held throughout the year on topics that include career planning, skills/interests analysis, résumé writing, interviewing techniques, and job
search strategies. A quarterly series of career seminars offers students the opportunity to meet and talk with professionals from a variety of occupations.

**Individual and Group Counseling** Counselors assist students in the process of determining career possibilities most suited to their interests, education, and talents.

**Major Decision Program** Those who have not declared their academic major are encouraged to attend the Major Decision Seminar series. This series is designed to acquaint students with the variety of majors available at UCR. Several different disciplines are presented each quarter. It is also recommended that undeclared students take advantage of vocational testing and career counseling.

**Vocational Testing** Combined with counseling and other career services, vocational tests can be valuable in making academic choices and identifying career options.

**Alumni Career Network** — www.careers.ucr.edu — More than 500 UCR alumni have volunteered to assist students in their career development by providing informational interviews and on-campus presentations.

### Underrepresented Students’ Career Development Program

The Career Center offers extensive programming to promote the professional development of underrepresented students. The services include skills-building workshops, field trips, and special career forums which bring employment representatives from business, industry, and government to campus. Underrepresented and disadvantaged students of all academic disciplines and levels are encouraged to take part in these activities.

### Student Employment Office

Throughout the year hundreds of part-time, temporary, and summer jobs are posted in the Student Employment Office and at www.careers.ucr.edu. The office hosts an annual summer job fair, job search workshops, and on-campus interviews for seasonal jobs.

### Job Search Assistance

**Current Job Openings** Job vacancies are posted at www.careers.ucr.edu and in the Career Library.

**Interview Preparation** Practice interviews are offered with the use of video tape.

**On-Campus Interviews** This program brings employment recruiters to campus to interview graduating students for professional positions. The 2001-2002 schedule attracted such diverse corporations as Automated Data Processing, Inc.; The Boeing Company; Deloitte & Touche LLP; Enterprise Rent-A-Car; Ernst & Young International Ltd.; Farmers Insurance Group; Gallo Wine Co.; Maxim Healthcare Services; Merck & Co.; SBC Pacific Telephone Company; The Sherwin-Williams Co.; Union Pacific Railroad; Unisys Corp.; Verizon Communications; and Wells Fargo Home Mortgage.

**Résumé Writing** Brochures give instruction on résumé preparation. Workshops are offered, and counselors critique résumés by appointment or during daily “Drop-In Hours.”

**Graduate/Professional School Application**

**Graduate/Professional School Catalog Collection** An extensive collection of graduate and professional school catalogs, directories, and program rankings is available in the Career Library.

**Letters of Reference Files** Students can establish a confidential letters of reference file for graduate or professional school. The Career Center will send the file to the various schools and programs to which the student is applying.

**Statement of Purpose** Brochures on how to write the statement of purpose are available. Counselors review statement drafts and provide feedback and suggestions.

### Salary and Employment Information

See appendix E: Salary and Employment Information for statistics on UCR graduates.

### Academic Internship Program

Veitch Student Center (Northwest wing); (909) 787-3631

Off-campus learning experiences are a significant academic option in many degree plans at UCR. More than 90 percent of UCR graduates engage in some career-related work experience before graduation. The Academic Internship Program offers assistance to students seeking this type of experience and serves as the coordinating unit for such activities. Internships may be part-time volunteer experiences or may offer a salary or stipend. Students can earn credit for an internship if an academic component is completed on campus. This requires a faculty sponsor from an appropriate department. Internships are available on an ongoing basis or may be developed to meet the student’s particular career interest. Both undergraduates and graduate students are eligible for placement.

Interns work in settings such as community services, government offices, banks, manufacturing firms, retail establishments, research labs, newspapers, radio and television stations, museums, hospitals, law offices, and other agencies.
COUNSELING CENTER

Director: Catherine M. Steel, Ph.D.
Veitch Student Center
(909) 787-5531; counseling.ucr.edu

Hours: Monday through Thursday, 8 a.m. to 6 p.m.; Friday, 8 a.m. to 4 p.m. (fall, winter, spring quarters)
Monday through Friday, 8 a.m. to 5 p.m. (summer)

The Counseling Center exists to help students acquire the personal skills, self-knowledge, and psychological resources that will enhance their university experience in terms of developing their full potential as students and as emotionally healthy people. The center seeks to achieve these goals by counseling students individually or in groups; by contributing to the university environment through consultation, training, and outreach; and by studying the environment and recommending changes based upon research data and clinical judgement. In addition, the center administers national and state qualifying examinations. Services include the following:

Individual or couple therapy is available to students on a short-term basis. The goals of counseling include facilitating the student’s personal growth and self-esteem, development of satisfying relationships, effective communication, educational and career decision making, and the establishment of personal values.

Group therapy involves people meeting face-to-face with one or more trained group therapists and talking about what’s troubling them. Members also give feedback to each other by expressing their own feelings about what someone says or does. This interaction gives group members an opportunity to try out new ways of behaving and to learn more about the way they interact with others. Both general and specialized groups are offered.

Psychological and career-interest tests are used as part of the counseling process to facilitate self-understanding and decision making.

Referrals are made to appropriate resources on campus and in the community.

Biofeedback training is used, usually as an adjunct to personal counseling, for stress-related symptoms such as tension and migraine headaches, test anxiety, and sleep disorders.

Workshops address developmental issues and teach preventive mental health techniques (e.g., assertiveness training, overcoming procrastination, and stress management).

Consultation and training services include face-to-face meetings and telephone contacts with faculty, staff, or students to discuss concerns about students or student life.

Outreach presentations are primarily informational in nature, on topics such as how to help a distressed student and orientation to center services.

National and state qualifying examinations administered by the center include the MCAT, LSAT, PRAXIS, and MAT.

Services to registered students are free and confidential. Appointments can be scheduled by calling (909) 787-5531. If the need is urgent, a staff member is available for consultation immediately. After-hours emergency help can be obtained by calling UCR Police (909) 787-5222 or the Riverside Helpline (909) 686-4357.

ETHNIC STUDENT PROGRAMS

African Student Programs

Director: E.M. Abdulmumin, Ph.D.
217 Commons
(909) 787-4576; asp.ucr.edu

The African Student Programs (ASP) office coordinates and oversees student activities and programs that enhance cultural awareness and appreciation of ethnic diversities of the campus, the community, and the world.

In addition to cultural enrichment, ASP’s objective is to promote academic excellence by providing a Retention Success Network and encouraging and awarding academic success. ASP also assists students in graduate school and career development decisions. Advisory and consultant services are provided to the clubs and organizations that are a part of ASP or UCR. Additionally, ASP seeks grant funding and research opportunities to enhance students’ academic and professional development. ASP administers the Saturday Academy Weekend School (SAWS), the National Youth Sports Program (NYSP), and the NYSP Girl’s Sports Clinic.

The Pan African Theme Hall (PATH), located in the Aberdeen-Inverness Residence Hall, provides the opportunity for students to learn about African culture throughout the diaspora and how it relates to the world around us today.
Asian Pacific Student Programs

Director: Emilio J. Virata, Jr., B.A.
104 Costo Hall
(909) 787-7272/7274; students.ucr.edu/apsp

With the education of the whole person in mind, the Asian Pacific Student Programs (APSP) office strives to promote a diverse learning environment at the UCR campus, providing the community with opportunities to learn from and about Asian and Pacific Islander students. APSP promotes an educational dialogue at UCR that respects and embraces the unique histories and experiences of ethnic communities, and incorporates these values into the development of the cultural fabric of the institution.

APSP provides peer mentoring; new student orientation; Asian and Pacific Islander Awareness Month; lecture, speaker, film and video series; leadership training; residence hall outreach; and youth and community outreach. APSP staff members also advise more than two dozen Asian and Pacific Islander organizations. Affiliations include fraternal, religious, sociocultural, political, media and preprofessional.

Chicano Student Programs

Director: Alfredo Figueroa, B.A.
229 Costo Hall; (909) 787-3821

The Chicano Student Programs Office is a special support program and coordinating center for projects and services responding to the needs of all Chicano/Latino students on campus. The office is aimed at maximizing the students' success potential while enrolled in the university. Support services include advising and individual counseling, if needed, referral information, and the coordination of special programs and activities. Some activities and programs include Chicano Senior Dinner, Cinco de Mayo programming, Leadership Training, New Student/Parent Orientation, Speaker Series, Ballet Folklorico, Community Projects, and advisement of various clubs and organizations.

Native American Student Programs

Director: Earl D. Sisto, B.A.
224 Costo Hall; (909) 787-4143

The Native American Student Programs Office provides educational, cultural, and social support for American Indian students. Such activities include American Indian Academic Speaker Series, the annual Medicine Ways Conference and Pow Wow, “Indian Time” radio program on KUCR (88.3 or kucr.org:8000 on RealPlayer), and the Indian Times newspaper. In addition, the Native American Student Programs Office provides a linkage by referral to the wide array of student services and special programs available to UCR students.

HOUSING SERVICES

Director: Andy Plumley, M.A.
3595 Canyon Crest Drive
Riverside, CA 92507
(909) 787-6350; www.housing.ucr.edu

UCR student housing provides an environment which encourages academic pursuits and personal growth. Living on campus allows students to be part of the college community, with opportunities to participate in activities that complement their in-classroom educational experience.

Residence Halls

3595 Canyon Crest Drive
Riverside, CA 92507
(909) 787-6350; info@housing.ucr.edu

UCR provides for more than 3,000 students in double and triple rooms, 40 to 60 residents to a living unit. All halls on all floors are coeducational, and some feature a common academic or social interest which residents share. All rooms are furnished and air conditioned. Advantages of residential life include educational, social, cultural, and recreational programs; counseling and guidance services; prepared meals; a supportive study environment; wheelchair accessibility for disabled students and visitors; and job opportunities. Residents may choose from three convenient payment plans. Staff and residents work together to provide a multitude of activities and programs that develop a sense of community and provide social interaction. Educational support includes academic study groups, tutorial assistance programs, computer labs, various seminars, study rooms, and scheduled study hours. Additional activities include weekly hall competitions, trips to the mountains and beaches, theme dances, special dinners, game shows, cultural events, and intramural teams.

Residents have a choice of various dining plans and dining facilities. Meals offered are breakfast, lunch, and dinner, Monday through Friday, plus brunch and dinner on Saturday and Sunday. Meal hours are flexible to accommodate student schedules. A wide variety of food is featured daily. Three hot entrees are available.
at every meal, along with a salad buffet, deli bar, daily specials, assorted desserts, fresh fruit, and much more.

Residents can use recreational centers that feature TV lounges, pool and ping-pong tables, video game machines, fitness rooms, piano rooms, and social lounges. In addition, there are bike storage areas, vending machines, and laundry rooms. Small convenience stores/coffee-houses in the residence halls sell cappuccino, snacks, school supplies, toiletries, and more.

**Family Student Housing**
3595 Canyon Crest Drive  
Riverside, CA 92507  
(909) 787-6350; info@housing.ucr.edu

The Canyon Crest Family Student Housing complex is conveniently located within walking distance of campus. There are 203 two-bedroom and 66 three-bedroom houses available to families with or without children. These units are moderately priced and unfurnished, except for stove and refrigerator. The university provides grounds maintenance, repair service, water, and trash removal. Students are responsible for the remainder of the utilities. Nestled in the center of the complex is a park with a recreation area, playground equipment, barbecue pits, and picnic facilities.

**Campus Apartments**
3595 Canyon Crest Drive  
Riverside, CA 92507  
(909) 787-6350; info@housing.ucr.edu

The Bannockburn Village and Plaza, Stonehaven, and International Village apartment complexes offer a wide variety of apartments and suites, as well as residential and commercial services. Apartment-style living is available to all transfer and continuing students. Apartments are either furnished or unfurnished and come equipped with refrigerators, ovens and stoves, carpeting, window blinds, heating, and air conditioning.

Residents enjoy access to swimming pools, a Jacuzzi, picnic areas and barbecues, a fitness room, recreational and study rooms, computer labs, TV lounges, vending machines, bike storage, secure laundry rooms, and sport courts. Other services include equipment check-out, emergency assistance, and copier availability. Campus apartments residents can buy meal plans. Regular programming opportunities and discount entertainment events are offered.

**Community Living**
3595 Canyon Crest Drive  
Riverside, CA 92507  
(909) 787-6350; clifs.ucr.edu/ucr.htm

The Community Living Office assists students, faculty, and staff in obtaining suitable off-campus accommodations by providing detailed listings of apartments, rooms to rent, and people seeking to share housing. Numerous modern apartment complexes are located within a three-mile radius of the campus.

The university does not inspect off-campus accommodations and is not a party to negotiations between landlord and student. Students, faculty, and staff are encouraged to consider living arrangements early in order to secure accommodations near campus by the beginning of school.

**INTERNATIONAL SERVICES CENTER**

Director: Diane Elton, B.A.  
Watkins House  
Canyon Crest Drive (next to the Bannockburn Complex)  
Riverside, CA 92521-0307  
(909) 787-4113; internationalcenter.ucr.edu

The International Services Center (ISC) assists international students and scholars, offers support services to those interested in opportunities abroad, and features an international resource library. Intercultural programs, social events, and foreign speakers are presented. Protocol and visit arrangements are provided to the international guests of the campus.

**Services to International Students and Scholars** The ISC provides assistance to UCR’s international students, scholars, and their dependents. Newly admitted, nonimmigrant students are required to participate in the orientation program which is held at the beginning of each quarter to help new students adjust to their new environment and the campus. In particular, students learn how to comply with government and university regulations related to their visa status. Throughout the year, workshops, excursions, and individual advising sessions are offered.

**Special Scholarships for International Students** The University of California has reciprocal agreements with more than 140 institutions worldwide that provide competitive, one-year scholarships to study at any UC campus. Applications for this scholarship are obtained and processed at the foreign campus.
Participating institutions are listed under the Education Abroad Program heading in the Curricula and Courses section of this catalog.

**Advocacy for Permanent Residents** Permanent resident students (students born abroad but not U.S. citizens) are offered services specific to their needs, including enrichment events throughout the year to help them integrate their multicultural experiences.

**Opportunities Abroad** UCR encourages students to include an international experience as part of a degree objective. Identification of the appropriate program option is important. The ISC has specific information on the Education Abroad Program, the Fulbright Student Program, direct enrollment options, and alternative opportunities. ISC advisors are available to discuss academic expectations, cultural adjustment, and reentry.

**Education Abroad Program** The University of California’s Education Abroad Program (EAP) is often regarded as an exemplar among exchange programs in colleges and universities nationwide. It is the largest and most varied program of its kind and has a distinguished reputation.

Students interested in the language, literature, science, art, culture, history, government, or social institutions of the EAP countries have the opportunity to gain substantially from first-hand academic experiences. Opportunities are available at each class level, with the traditional year abroad generally taken in the junior year. Short-term options are available in selected countries and in targeted academic fields.

The UC EAP operates in cooperation with more than 140 host institutions in 33 countries worldwide, and annually sends more than 3,000 students overseas. EAP site details are described in the Curricula and Courses section of this catalog under Education Abroad Program.

Interested students should begin to plan for this experience as freshmen, since there are advanced language requirements for some countries and the application process is completed two quarters to a year in advance of departure. Additionally, students are encouraged to enroll in courses offering global perspectives and background on the United States as good foundation for a year abroad.

**Fulbright Student Program** The ISC coordinates the application process for enrolled UCR students who enter the national Fulbright Student Program competition. Graduating seniors and graduate students can find brochures, applications, and information on procedures at the center. The application period is May to October for participation in the following year.

**Direct Enrollment Options** As an alternative to EAP, the center provides information, advising, and administrative services for hundreds of other study options. Such options include summer study, discipline-specific study, and additional country locations.

Undergraduate students must file a Planned University Leave Program (PULP) form to maintain their ability to reenter UCR upon return from abroad. For further information on PULP, refer to Withdrawals and Leaves of Absence in the Finances and Registration section of this catalog.

**Alternative Opportunities** Nonstudy opportunities abroad are popular. The ISC maintains liaisons with most of the networks offering internships, employment, and budget travel. Program selections, applications, and guidance are provided at the center.

**International Educational Exchange Library** The ISC houses a library of catalogs, books, maps, and videos regarding the various options for international study or work. Intercultural journals and reference materials are available for professional, academic, and career research. Comprehensive resources include information on financial aid, employment (voluntary or paid, temporary or career), foreign travel, and intercultural communication on cultures and countries.

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**THE LEARNING CENTER**
Director (Interim): Roger Hayes, M.A.
Surge Building
(909) 787-3721; www.learningcenter.ucr.edu

The Learning Center provides academic support to all enrolled undergraduates at UCR. Each quarter it offers various programs and services to help students succeed and excel academically. These programs and services include the following:

- Professional and peer counseling
- Tutorial assistance
- Math assistance — self-paced instruction, labs, and study groups
- State-of-the-art computer lab
- Science study groups — Biology, Chemistry, and Physics
- Empowerment programs targeted at first-generation and underrepresented students
- Writing and reading development
- Graduate placement exam preparation — GRE, LSAT, CBEST, MCAT, and GMAT
- Graduate Student English Proficiency programs
STUDENT SPECIAL SERVICES

Services for Students with Disabilities

Services for Students with Disabilities offers information to prospective students about available services, financial aid, housing, mobility, or other concerns related to attending UCR. Prospective students are invited to contact the office early in their planning to attend UCR. For specific information about admission requirements, contact the Office of Undergraduate Admissions.

Services available to UCR students may include information and referral to on- and off-campus services, transportation and mobility assistance, and academic support services.

Veterans' Educational Benefits

Student Special Services acts as the certifying official and liaison with the U.S. Department of Veterans Affairs (DVA) for students who are eligible for DVA educational benefits as a result of their own military service or a service-connected death or complete and permanent disability of a parent or spouse. Students who receive such educational benefits may also be eligible for special DVA-sponsored work-study and tutorial benefits.

Students wishing to receive DVA educational benefits are encouraged to contact Student Special Services as soon as they are admitted to UCR. The staff is also available to assist students with any problems relating to veterans' educational benefits, such as nonreceipt of checks or forms. Students should be aware of the standards for satisfactory progress at UCR; the pertinent information is detailed under Scholarship Regulations in the Academic Regulations section of this catalog. Also, it is the student’s responsibility to report to Student Special Services any change in status that may affect benefits.

Children and spouses of veterans whose death or disability (at any percentage) was service-connected may also be eligible for exemption from most university fees under provisions of the California Educational Code. Application may be made to any county veterans services office. Claims for fee exemptions should be presented to the university during the fiscal year (July 1 to June 30) for which the claim applies. Retroactive approval can be granted only in situations in which students applied for the exemption in a timely manner but approval was delayed by the U.S. Department of Veterans Affairs processing of an original or reopened service-connected disability compensation or Dependency and Indemnity Compensation claim.

Vocational Rehabilitation Services

Students who have a disability that handicaps them vocationally may be eligible for services from a state department of rehabilitation office. These services may include vocational counseling and guidance, training (with payment of costs such as books, fees, and tuition), and job placement. Under certain circumstances students may also qualify for help with medical needs, living expenses, and transportation.

Appointments may be arranged through the above address.

Voter Registration

Voters who need to register for the first time, or reregister because they have moved or switched their party affiliation, can obtain forms on campus.

Voter registration forms can be obtained from the Student Special Services Office in 125 Costa Hall.

Voters may also request a form by calling 1-800-345-VOTE, or complete an online form at the Secretary of State’s Web site at ss.ca.gov.
OTHER SERVICES FOR STUDENTS

Bookstore
Northeast of the Commons
(909) 787-4211; fax (909) 276-9105; www.bookstore.ucr.edu
Hours: Monday through Thursday, 8 a.m. to 5:30 p.m.; Friday, 8 a.m. to 5 p.m.

At the UCR Bookstore, students can purchase all textbooks needed for their classes, as well as most necessary school supplies. The bookstore also carries a large selection of general interest books on topics ranging from art to zoology, children's books, reference books, and magazines.

In addition, the bookstore sells gift items, backpacks, greeting cards, posters, art supplies, photographic supplies, office products, electronics accessories, and a large variety of UCR-imprinted sportswear, gifts, mugs, class rings, graduation caps and gowns, graduation announcements, and other associated merchandise.

CompUCR, located in the bookstore, sells a variety of computer hardware platforms, printers, and supplies, along with a large selection of computer books and software.

Special Order Service is available for any book in print through the General Book Department. Special order services are available in each department of the bookstore. Other services include phone cards, film processing, check cashing, computer-automated “books in print” information service, and faculty cap and gown rental.

Book Buy-Back Students may sell used textbooks back to the bookstore for up to 60 percent of their retail value during the first and last week of each quarter. Students can also sell textbooks back at any time during the school year for wholesale value. Check with the bookstore for more detailed information and specific requirements associated with book buy-back.

Students can cash checks for $10 over the amount of purchase with a valid UCR student ID or California driver’s license. Faculty and staff can cash checks to a maximum of $50 a day, no purchase required. To make use of this service, faculty and staff need to apply for a check-cashing card at the bookstore.

Campus Media

Highlander
245 Costo Hall
Newsroom (909) 787-3617; Business (909) 787-5039; highlander.ucr.edu

The Highlander is UCR’s student newspaper. In publication since 1955, it consistently provides quality reporting and insightful editorials on a variety of campus-related issues, as well as coverage of UCR cultural and sports events. The Highlander is published every Tuesday during the academic year and is completely student-run and operated. The paper receives its funding from advertising and a student fee. The Highlander provides all students and faculty with an opportunity to take part in the campus community, as well as an outlet through which their voice can be heard.

The Highlander staff is open to all students with a desire to write and a passion for journalism. Working on the Highlander is an excellent opportunity for students to gain hands-on experience in the myriad of skills necessary for a career in the communications field. It also gives writers a chance to cover important events and interview public figures. The Highlander offers similar opportunities for business staff, photographers, and graphic artists.

KUCR (88.3 FM)
691 Linden Street
(909) 787-3737; kucr.org (shows schedule)

Listen to KUCR with any mp3 player at kucr.org:8000

KUCR is the radio station of UCR. It is an educational, noncommercial, class-A station licensed to the University of California by the Federal Communications Commission (FCC). Managed and operated by the students, faculty, and staff of the UCR campus, KUCR embraces campus and public needs, involving student participation at all levels. It honors the university’s respect for diverse points of view, ethnic backgrounds, political beliefs, attitudes, and orientations by providing “alternative” programming not normally heard on mainstream commercial stations. This type of alternative service is the touchstone of quality educational broadcasting as originally conceived by the FCC and has characterized KUCR since its founding nearly 30 years ago. Programming includes classical music, public-affairs commentaries, jazz, reggae, alternative rock, soul, blues, Latin, salsa, oldies, live events, interviews, news, and much else. The station presently has a range of 30 to 60 miles covering the community of Riverside and cities inland from Los Angeles, an area comprising more than a million people.

KUCR welcomes applications from all members of the campus for music, news, and public affairs programming. Whether as an extracurricular activity or as training for a career in the media, work at KUCR is exciting, educational, and richly rewarding.
UCR Card

Obtained in the Main Commons Building
Photos taken from 9 a.m. to 4 p.m. daily
$15.00 for new and replacement cards
www.UCRcard.ucr.edu

All students are required to carry and show a permanent photo card for identification for most official transactions. This includes checking out books from the libraries, entrance into the Student Recreation Center, and entrance into various other buildings on campus. The UCR card can be a meal card for residence hall living and give access to dorm rooms. It may be used as a debit card for discounted purchases at dining services as well as purchases made at The Exchange, the bookstore, printing and reprographics, and all convenience stores. The card is accepted for payment of bills at the Cashier’s office in Hindenaker Hall and in vending machines and copiers at all libraries and in laundry facilities at all campus housing locations.

Child Development Center
Director: Judith Wood, M.A.
3333 Watkins Drive
Riverside, CA 92507
(909) 787-3854; clifs.ucr.edu

Early care and education services are available on campus for infants, toddlers, preschool, and kindergarten children (from four months through 5 years of age). Innovative learning and development programs are offered morning and afternoon, as is a school-age summer program. The center is open to children of students, faculty, and staff of UCR. Parents are encouraged to become involved in the early learning program. Internship and tutorial positions are available to UCR students. The center is equipped with observation rooms to facilitate research opportunities. Classrooms have computers and developmentally based equipment and materials. The center is accredited by the National Academy of Early Childhood Programs of the National Association for the Education of Young Children.

Commons

Main Lounge hours during the academic year:
Monday through Thursday, 7:30 a.m. to 9:45 p.m.; Friday, 7:30 a.m. to 4:45 p.m.; closed weekends
commons.ucr.edu

The University Commons is the center of student life on campus. The Commons Complex includes the Student Lounge; meeting rooms; student government offices; three ATMs; the UCR Bookstore; and the Exchange store. Offices for most student services programs are in the complex and in neighboring Costco Hall.

At the Main Desk students can cash personal checks ($30 limit), send and receive faxes, and obtain change. Students can check out equipment to play games such as chess, Ping-Pong, and pool. Other Main Lounge facilities include video games, TV, and vending machines for snacks, drinks, and stamps.

The Commons provides a pleasant and comfortable setting for students, faculty, and staff. Entertainment and activities are regularly scheduled in the Bell Tower area.

Operations of the Commons are guided by the Commons Board of Governors. Nine of the 11 members of this board are students, who play an important role in its activities.

Food Services
clifs.ucr.edu/dining

The Commons offers students a variety of food choices in areas such as the Main Cafeteria, Mama Mia’s (Italian Food), Gourmet Soup Bar, Gerardo’s Baja Grill (Mexican), Twisters (Burgers), Super Subs (made-to-order sandwiches), Bonzai Bowls and Sushi (Asian Food), and the Campus Grille. Johnathan’s Coffee Espresso Cart is a snack-and-beverage cart by Hindenaker Hall, and Court Yard Cafe, featuring smoothies, Deli sandwiches, a Taqueria, and fresh salads, offers food and beverage items near the Science Library.

Other venues for food in the Commons and elsewhere on campus include the following:

Bear Necessities Convenience Store, in the heart of the Commons, has beverages, snacks, frozen yogurt, and ‘grab ‘n go’ items.

Bear Grounds Coffee House, featuring Starbucks Coffee® and Krispy Kreme Doughnuts®, is adjacent to the Bear Necessities Convenience Store and Terrace Rooms in Commons West Court. Specialty coffee, pastries, and doughnuts are available into the evening hours.

The Barn — Big West Bar & Grill, built in 1916, is one of the oldest buildings on campus and was originally a stable for campus horses. The renovated building offers comfortable indoor dining in a sports bar atmosphere, as well as patio dining.
and beverage service. Open to students, faculty, and staff, the Barn currently provides food services and catering, and offers entertainment seating inside or on the patio courtyard. The University Club, a membership organization, is also located in the Barn.

**Cultural Events**

Director: Todd Wingate, M.A.
133 Costo Hall
(909) 787-4629, fax (909) 787-2221; culturalevents.ucr.edu

The UCR Office of Cultural Events serves as a cultural, intellectual, and educational resource for the university and the surrounding communities, exposing audiences to artists whose work has laid the foundation of the performing arts and those whose creative visions are shaping the arts for the next century.

**Performing Arts Series** In the past 30 seasons, the UCR Cultural Events program has presented more than 400 performances by some of the world’s most distinguished talents. Artists who have performed in the series include the dance companies of Bella Lewitsky, Donald Byrd, Mark Morris, Garth Fagan, and Ballet Hispanico; classical musicians such as the Juilliard Quartet, Chanticleer, and the Tokyo String Quartet; jazz legends Dr. Billy Taylor, Dianne Reeves, and Wynton Marsalis; world music artists Pancho Sanchez and Tito Puente; and theatrical troupes such as the National Theatre for the Deaf and the California Shakespeare Festival.

**UCR Master Classes** In addition to performing, visiting artists also conduct master classes for UCR students. In coordination with academic departments and student services programs, students have the opportunity to interact with professional choreographers, composers, actors, and musicians who are at the top of their field, thus enhancing their educational experiences.

**Chalk the Walk** is a five-day arts festival event in which students use their artistic ability to create spectacular works of art in chalk on the Commons pavement. Cash prizes are awarded in two categories: Original Works and Copies of the Masters. 2002-2003 will mark the 13th annual “Chalk the Walk” event. This event is co-sponsored by ASUCR.

**Music by the Tower Summer Concerts Series** consists of festival concerts in July. Early Sunday evenings, families gather on the lawn surrounding the bell tower on the UCR campus to enjoy free musical performances. The concert series attracts family audiences from all over the Inland Empire, making it one of the most enjoyable, free, family activities in the region.

**Gender Education and Resource Services**

Director: Adrienne Sims, Ed.D.
260 Costo Hall
(909) 787-3337; www.gears.ucr.edu

Gender Education and Resource Services (GEARS) offers programs, projects, and services that focus on issues facing women and men today. During the year, the office presents workshops, speakers, films, and activities addressing women’s and men’s concerns. It also provides personal “drop-in” support through an extensive referral service and counseling. Students have the opportunity to develop special projects through the office, for which they can receive academic or internship credit. Contact GEARS for specific information on the Campus Safety Escort Service ([909] 787-3772), the Campus Assault and Harassment Prevention Program ([909] 787-5000), empowerment groups, office-specific activities, the radio show (KUCR 88.3 FM or kucr.org:8000 on any mp3 player), and internships.

**Lesbian, Gay, Bisexual, and Transgender Resource Center**

Director: Nancy Jean Tubbs, M.S.
250 Costo Hall
(909) 787-2267; lgbtcr@ucr.edu; lgbtcr.ucr.edu

The Lesbian, Gay, Bisexual, and Transgender Resource Center (LGBTRC) provides support, education, and advocacy services for the LGBT campus community and anyone dealing with sexual orientation or gender identity issues. Educational programs and cultural events provide campus-wide awareness of LGBT issues and lives. The center offers Web resources, free pamphlets, magazines, and a lending library of books and videos for academic research and personal growth. It also provides “drop-in” support and referrals to on- and off-campus resources. The ALLIES program, a project inviting heterosexual and LGBT involvement, is a network of students, faculty, and staff who support the LGBT campus community. Anyone may become an ALLY by attending a seminar and signing a contract to provide a “safe place” on campus. Learn more about ALLIES, find resources on topics ranging from spirituality to communities of color, or visit the online calendar of events at lgbtcr.ucr.edu.
Ombudsperson

Andrea H. Briggs, M.A.
University Cottage
(909) 787-3213; abriggs@ucrac1.ucr.edu; ombuds.ucr.edu

The role of the Ombudsperson is to ensure that all members of the university community — students, staff, faculty, and administrators — receive fair treatment within the university. Anyone who has a university-related problem, is in conflict with someone on campus, or has been treated unfairly can seek the assistance of the Ombudsperson.

The Office of the Ombudsperson provides an avenue for informal conflict resolution. The Ombudsperson determines what policies apply to a particular situation and develops strategies for dealing with the problem. The Ombudsperson can also investigate complaints, facilitate communication between the parties in conflict, negotiate, mediate, and otherwise support informal conflict resolution. The Ombudsperson pursues complaints only with the consent of the complainant. In addition, the ombudsperson can recommend changes in university regulations.

Some topics that have been brought to the office’s attention include transfer difficulties, student misconduct, harassment, disputes about fees, and conflicts with supervisors and instructors.

All communications are confidential. The office functions independently of the usual administrative structures.

Student Conduct and Policies

Information regarding student conduct, policies, grievances, and the complaint process can be found in appendix F: Campus Policies and Regulations Applying to Students.

Police Services

Chief of Police: Henry O. Rosenfeld, B.A., M.S.
3500 Canyon Crest Drive; police.ucr.edu

The University of California Police Department (UCPD) operates 24 hours per day, 365 days a year. The department’s 24 police officers have full police powers and are responsible for all law enforcement activities and criminal investigations on the UCR campus. Police officers work in uniform or plain-clothes patrolling the campus in marked and unmarked vehicles, on bicycles, and by foot. Five university police officers, along with five officers from the Riverside Police Department, are assigned to the University Neighborhood Enhancement Team (UNET) and provide police services for the area surrounding the UCR campus.

Emergencies The UCPD Communications Center is the Public Safety Answering Point for all 9-1-1 emergency calls originating on campus. The telephone reporting procedure for police, fire, and medical emergencies is as follows:

- If there is a 9-1-1 instruction sticker on the phone, follow the directions on the sticker
- On any campus phone requiring a 9 to be dialed for an off-campus line, dial 9-9-1-1
- On any campus pay phone, dial 9-1-1

Emergency call boxes are located in or near most parking lots around the campus. Use these call boxes to report directly to the Police Department communications center any emergency or suspicious activity. Nonemergency business calls to the Police Department should be placed by dialing (909) 787-5222.

Reporting Crime All thefts, other criminal incidents, and suspicious activity occurring on campus should be immediately reported to the Police Department by phoning, using emergency call boxes, or going to the police station. The police station is located at 3500 Canyon Crest Drive, adjacent to Parking Lot 24. Reporting crimes to the Police Department better enables the police to return stolen property and helps the police protect other members of the campus community from similar incidents. Reporting suspicious activity helps prevent crimes and apprehend offenders.

Programs The department’s programs stress crime prevention, security, and personal safety. Seminars are offered to instruct members of the campus community on how better to protect themselves and their property. Call (909) 787-5387 for crime prevention information.

Lost and Found Found property should be turned in to the Police Department. Report lost property so the department can watch for it. Office hours for lost and found are 9 a.m. to 5 p.m., Monday through Friday. Call (909) 787-5212 for information.

Additional Information For more information on the UCR Police Department, incident reporting, and campus security see appendix C. Campus crime statistics are available at police.ucr.edu or by calling the department at (909) 787-5222.

The Campus Security and Crime Report is available at police.ucr.edu/securityreport. The report contains a summary of crimes reported on the campus and in other designated areas during the past three calendar years. It also contains references to university and campus policies concerned with criminal activity and security on campus. Printed copies are available at the UCR Police Department, 3500 Canyon Crest Drive, Riverside, CA 92521; (909) 787-3853.
Transportation and Parking Services
Director: Jan Martin, M.P.A.
683 Linden Street
Riverside, CA 92507
(909) 787-4395; www.parking.ucr.edu
Hours: Monday through Friday, 8 a.m. to 4 p.m.

All vehicles parking on the UCR campus must display a valid regular or visitor UCR parking permit from 7 a.m. to 10 p.m. daily. Parking permits may be obtained from Parking Services or the information kiosks near University Avenue and Martin Luther King Boulevard, open Monday through Friday from 7 a.m. to 8:00 p.m., and Saturday from 7 a.m. to 3 p.m. Parking Services arranges special parking for disabled people. For help with special parking problems or for additional information about parking, see the address above.

The Highland Hauler is a free shuttle service for students, staff and faculty. Stops include the residence halls, Hinderaker Hall, the UCR/City Sports Center, University Extension, other campus locations, and Canyon Crest Towne Centre shopping center. The Hauler is equipped for wheelchair access. Schedules are available from the parking information kiosks, the Parking Services Office, and other campus locations.
## Undergraduate Studies

### GOALS OF AN UNDERGRADUATE EDUCATION

The faculty of UCR hereby declare the following set of general educational goals to be pursued through our individual and collective efforts in teaching and guiding the undergraduates of this campus.

A university education must help students realize their potential as individuals and contributing participants in society. This involves the acquisition of knowledge and skills and the preparation for future responsibilities.

A general education provides a framework enabling one to appreciate and critically examine the significant aspects of civilization. This framework is derived from the study of world history; political and economic systems; the ethnic, cultural, and religious diversity of the peoples of the earth; the arts and letters of all cultures; the social and natural sciences; and technology. Such a broad education is the foundation for concentrated studies that enable students to prepare for careers and to strive for an understanding of the world in which they live and about which they must make decisions.

A university education nurtures the critical skills of oral and written communication, including the exercise of these skills in a language other than one's own. It must teach students to become verbally and quantitatively literate, to analyze and synthesize, and to regard the acquisition of knowledge as a lifetime activity. A university education must promote tolerance of the opinions of others and an understanding of the mutual dependence of human beings on each other and on their natural environment. The student's university years also provide an opportunity to develop integrity, self-esteem, self-discipline, style, humanness, commitment to the general welfare, sensitivity to the interplay of environment and technology, and confidence that the human drama is worthy of a lengthy future.

UCR has three colleges that offer bachelor’s degrees: Humanities, Arts, and Social Sciences; Natural and Agricultural Sciences; and Engineering.

### REQUIREMENTS FOR THE BACHELOR’S DEGREE

Requirements for the bachelor’s degree vary according to the college and major selected. There are three kinds of requirements: general university, college, and major.

1. **General University requirements**
   - Subject A: English Composition
   - American History and Institutions
   - Unit
   - Scholarship
   - Residence

2. **College breadth requirements**
   - English Composition
   - Humanities
   - Social Sciences
   - Ethnicity
   - Foreign Language
   - Natural Sciences and Mathematics
   - Additional Courses

3. **Major requirements**
   - Lower-Division or Core Courses
   - Upper-Division Courses

Students should plan a program of study carefully and consult an academic advisor. Students are responsible for meeting all requirements for graduation.

### General University Requirements

General university requirements are universitywide requirements which all undergraduates must satisfy. The following regulations and requirements are applicable to all undergraduate students on the Riverside campus.

**Subject A**

All university faculty assume that students are proficient in reading and writing English, and understand how to compose an essay on an academic topic. For this reason, students are asked to present proof of their writing ability (by the means shown below) on entering the university.

Completion of the Subject A requirement is a prerequisite to ENGL 001A. The Subject A requirement may be completed after enrollment in a course as directed by the Director of Basic Writing (see below). It may be completed before enrollment in any one of the following ways:

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1. Receiving a score of 680 or above on the SAT II: Writing Subject Test of the College Board
2. Receiving a score of 3, 4, or 5 on the College Board Advanced Placement Test in English. (In addition to fulfilling the Subject A requirement, a score of 3 satisfies the ENGL 001A requirement; a score of 4 or 5 satisfies the ENGL 001A and the ENGL 001B requirements.)
3. Receiving a score of 5, 6, or 7 on the International Baccalaureate Higher Level Examination in English (Language A only).
4. Completion with a grade of “C” or better of a 4 quarter unit or 3 semester unit college-level course in English composition, taken at another institution before the student enters the university and judged acceptable by the Office of Admissions.
5. Receiving a passing grade on a Subject A test administered by the University of California system.

All freshmen from California high schools who have not met the Subject A requirement and who are entering in the fall quarter will be required to take a two-hour universitywide Subject A Examination to be administered throughout the state. The examination is normally given on the second Saturday in May.

In late April, California freshmen who have been admitted to at least one UC campus and who are not exempt from the Subject A requirement will be mailed notification of the test; a test ticket; a bill for $55; and a pamphlet giving an explanation of the testing procedures, the nearest test location, the time and date, and telephone numbers to call with questions.

Out-of-state students, those admitted after the test notification date, and students entering in winter and spring will take the examination on campus. Once students have taken the test, they will receive a payment card which they should mail to the Educational Testing Service. The card must be accompanied by a $55 check.

Any student who cannot meet the Subject A requirement before entrance must enroll in an approved Basic Writing course during Summer Sessions, or in BSWT 003 or a qualifier course such as ENGL 004A, ENGL 004B, or ENGL 005 during the academic year. (Placement in academic-year courses is determined by the Director of Basic Writing.) BSWT 001 and BSWT 003 do not carry baccalaureate credit, and must be passed with a grade of “C” or better to fulfill the requirement.

Students taking the qualifier courses must pass the Subject A exit examination at the end of the quarter in order to go on to ENGL 001A. Any student who has not satisfied the Subject A requirement after three quarters of university residence (three quarters of enrollment during the regular academic year) is not eligible to enroll for a fourth quarter at the University of California.

American History and Institutions

Candidates for a bachelor’s degree must satisfy the requirement in American History and Institutions by demonstrating a knowledge of American history and of American political institutions and ideals. The requirement may be satisfied by satisfactory completion of any one of the following:

1. One (1) high school unit in American History, or ½ high school unit in American History and ½ high school unit in civics or American Government
2. The requirement in a junior college or other accredited institution
3. One college course in the field of American History or one college course in the field of American Government. UCR courses that fulfill this requirement are HIST 017A or 017B, POSC 010, POSC 001, and POSC 113A

Students applying for one of the teacher credential programs should check with the Graduate School of Education concerning limitations on ways of meeting this requirement.

Further information regarding the requirement and examination may be obtained from the chair of the Committee on Preparatory Education.

Unit Requirement

A minimum of 180 units of academic work with a grade point average of 2.00 in all courses undertaken in the University of California is required for graduation.

Not more than 6 units of physical education activities courses, no 400 series course, and not more than three courses in the 300 series may be counted toward the 180 unit requirement.

Scholarship Requirement

To receive a bachelor’s degree, students must obtain twice as many grade points as units (2.00 grade point) for all courses attempted in the university. An exception to this rule is made for those students undertaking certain honors courses.

Residence Requirement

The minimum residence at the University of California required for a degree is three quarters. One of the three quarters may be completed in a UCR summer session in which the student carries 12 units, unless a reduced load is approved in advance by the dean of the student’s college.
Courses completed in UC Extension are not considered work in residence, even if taken through concurrent enrollment.

Thirty-five (35) of the final 45 units must be earned in residence in the student’s college (this does not preclude the student from taking courses in other colleges on campus). For students who are enrolled in the Education Abroad Program, 35 of the final 90 units, including the final 12 units, must be earned in residence. Eighteen (18) of the 35 units may be completed in summer session courses on the Riverside campus.

With the approval of the dean of a student’s college or school, a candidate for the bachelor’s degree who was in active service in the armed forces of the United States in the year preceding the awarding of the degree may be recommended for the degree after only one quarter of university residence in which the candidate completes at least 16 units or passes a comprehensive examination in the major or field of concentration.

**College Breadth Requirements**

Each college has established additional requirements for a degree. The requirements of the colleges at Riverside are designed to stimulate an interest in areas of knowledge not necessarily related to a student’s major field. Students should note that they consist of a certain number of units and courses covering a variety of fields. Although these requirements determine a large and important part of the four-year curriculum, there are opportunities for students in all departments to do special, independent work.

The main objective of the colleges on the Riverside campus is to provide a setting within which students may develop those qualities of mind and character necessary to intellectual advancement and to useful membership in society. The major areas of human knowledge form the substance of the colleges on the Riverside campus: the College of Engineering; the College of Humanities, Arts, and Social Sciences; and the College of Natural and Agricultural Sciences. The breadth requirements for the colleges are similar; however, please refer to each college’s section for a detailed discussion of its requirements.

Courses taken in a student’s major discipline (including courses cross-listed with the major discipline) may not be applied toward satisfaction of the Humanities, Social Sciences, Ethnicity, or the Natural Sciences and Mathematics requirements except for Biology majors in connection with the Biological Sciences requirement, English majors in connection with the English Composition requirement, History majors in connection with the World History requirement, Ethnic Studies majors in connection with the Ethnicity requirement, and Foreign Language majors in connection with language requirements. However, courses outside the major discipline, but required for the major, may be applied toward satisfaction of these requirements. Students are urged to make sure that they understand which courses are permitted to satisfy more than one requirement. Information on specific degree requirements and courses is available in the departmental or Student Affairs offices in each college.

Placement exams may be required before a student takes courses in certain subjects, such as mathematics and foreign languages. The placement exam may be taken only once in each subject during a student’s UCR career. For foreign languages, a sufficiently high score on the UCR placement exam can fulfill the Foreign Language requirement.

For details about the UC policy on intercampus reciprocity of breadth requirements and the UC policy on the Intersegmental General Education Transfer Curriculum, see below.

**UC Policy on Intercampus Reciprocity Regarding Breadth/General Education Requirements**

Students who transfer from one UC campus to another and who have completed the Breadth/General Education (B/GE) requirements of the campus from which they have transferred (except for upper-division B/GE requirements) will be considered to have met the B/GE requirements of the campus to which they transfer.

Courses taken for B/GE requirements at the campus from which they transfer will be accepted toward the appropriate B/GE requirements of the campus to which they transfer.

**UC Policy on the Intersegmental General Education Transfer Curriculum (IGETC)**

The Intersegmental General Education Transfer Curriculum (IGETC) is a series of courses offered in the California Community Colleges that transfer students may complete as a way to satisfy the lower-division breadth/general education requirements at the University of California or the California State University. The IGETC program is administered through the California community college system. Completion of the IGETC must be certified by a community college counselor and submitted to UCR with the student’s final transcript before the first term of enrollment. The IGETC is not an admissions requirement for transfer students.

At UCR, completion of the IGETC is a good choice for community college students planning majors in the College of Humanities, Arts, and Social Sciences (CHASS). Completion of a breadth pattern prior to transferring is good preparation for upper-division work for majors in this college. Transfer students planning...
majors in CHASS have the option of completing IGETC prior to transferring, or completing the CHASS breadth pattern.

The IGETC pattern is not accepted for transfer students planning majors in the College of Natural and Agricultural Sciences or the College of Engineering, as it does not adequately cover the extensive lower-division math and science preparation required for majors in these colleges. All courses taken towards completion of IGETC have been determined to be UC transferable and will be applied to the student’s degrees in these colleges as elective or UCR breadth credit, as determined by the department advisors in the College of Natural and Agricultural Sciences and the College of Engineering.

**Major Requirements**

A major is a coordinated group of upper-division courses giving depth to a student’s work in a chosen area. A list of degrees offered and possibilities for establishing individual majors are described in each college section below. Degrees are also listed in the front of the catalog. A student should choose a major not later than the beginning of the junior year. However, a choice of major before that time facilitates program planning in most academic fields.

The departmental major represents advanced and relatively specialized work in one of the academic disciplines in the college. The interdepartmental or nondepartmental major is broader in scope and usually based upon two or more disciplines. The individual major is designed for the student who has an unusual but definite academic interest for which no suitable major is offered.

Major requirements are described in detail in the Curricula and Courses section of this catalog under the department or program offering the major.

The responsibility for fulfillment of all degree requirements — general university, college, and major — rests with the student. Students are urged, however, to seek program counseling with appropriate advisors.

Assignment to a major or to the undeclared category (open to freshman and sophomore students) is based on the student’s choice indicated on the Application for Admission. The student should enroll in accordance with this choice; changes may be made following course enrollment.

**Change of Major**

Students may transfer from one major to another, elect a double major within their college, or add a second major in another college by filing a declaration with the dean of the colleges concerned.

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**COLLEGE OF HUMANITIES, ARTS, AND SOCIAL SCIENCES**

Student Affairs
3400 Humanities and Social Sciences
University of California, Riverside
Riverside, CA 92521
(909) 787-3683; fax (909) 787-5836
chass.ucr.edu

The degree programs in the College of Humanities, Arts, and Social Sciences are designed to introduce students to both the breadth and depth of the university’s curriculum. This is accomplished by combining a wide distribution of courses with the opportunity to concentrate on course work in depth in a selected field. To achieve the first goal, students are required to take a wide range of lower-division courses that deal with the diversity of human knowledge. In the upper-division curriculum, students are relatively free to concentrate in depth in their major field of interest.

**Majors**

A major is a coordinated group of upper-division courses (courses numbered 100-199) in a field of specialization. The major may be a program of upper-division courses within a single department (departmental major) or a group of related courses involving a number of departments (interdisciplinary major) or, under certain circumstances, a group of courses chosen to meet a special interest (Humanities, Arts, and Social Sciences individual major).

Before enrolling in certain upper-division courses, students may be required to gain appropriate knowledge by completing specific prerequisite courses. With the assistance of a departmental advisor, students are expected to select lower-division courses which prepare them for the advanced studies they propose to follow.

**Choosing a Major, Undeclared Majors**

While freshmen may choose an academic major on entering UCR, those who are unsure about specific academic goals may request to be admitted to the college as an “undeclared major.” These students often take introductory courses in the natural sciences, social sciences, humanities, and fine arts while searching for an area that most excites their interest. Each quarter, undeclared majors are encouraged to meet with an advisor in the Student Affairs Office about their selection of courses.
### College of Humanities, Arts, and Social Sciences

#### Undergraduate Majors and Options

<table>
<thead>
<tr>
<th>Major/Minor</th>
<th>Degree(s)</th>
<th>Disciplinary Minors</th>
<th>Interdisciplinary Minors</th>
</tr>
</thead>
<tbody>
<tr>
<td>Administrative Studies&lt;sup&gt;1&lt;/sup&gt;</td>
<td>B.A.</td>
<td>Humanities, Arts, and Social Sciences (Interdisciplinary) B.A.</td>
<td>Asian Studies</td>
</tr>
<tr>
<td>African American Studies</td>
<td>B.A.</td>
<td>Language B.A.</td>
<td>Chichano Bilingual-Bicultural Studies</td>
</tr>
<tr>
<td>Anthropology (also major with Law and Society, B.A.)&lt;sup&gt;2&lt;/sup&gt;</td>
<td>B.A.</td>
<td>Latin American Studies B.A.</td>
<td>Film and Visual Culture</td>
</tr>
<tr>
<td>Art (Studio)</td>
<td>B.A.</td>
<td>Law and Society (major with Anthropology, B.A.; Economics, B.A.; History, B.A.;</td>
<td>International Relations</td>
</tr>
<tr>
<td>Art History (also major with Administrative Studies, B.A.; and Religious</td>
<td>B.A.</td>
<td>Philosophy, B.A.; Political Science, B.A.; Psychology, B.A.; Language, B.A.</td>
<td>Italian Studies</td>
</tr>
<tr>
<td>Studies, B.A.)</td>
<td></td>
<td></td>
<td>Journalism&lt;sup&gt;4&lt;/sup&gt;</td>
</tr>
<tr>
<td>Asian American Studies</td>
<td>B.A.</td>
<td></td>
<td>Lesbian, Gay, Bisexual, Intersexual, and Transgender Studies</td>
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<tr>
<td>Asian Studies</td>
<td>B.A.</td>
<td></td>
<td>Marxist Studies</td>
</tr>
<tr>
<td>Business Administration</td>
<td>B.S.</td>
<td>Liberal Studies B.A.</td>
<td>Urban Studies</td>
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<tr>
<td>Business Economics</td>
<td>B.A.</td>
<td>Linguistics B.A.</td>
<td>Western American Studies</td>
</tr>
<tr>
<td>Chicanos Studies</td>
<td>B.A.</td>
<td>Music B.A.</td>
<td></td>
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<tr>
<td>Chinese</td>
<td>B.A.</td>
<td>Native American Studies B.A.</td>
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<tr>
<td>Classical Studies</td>
<td>B.A.</td>
<td>Neuroscience B.A.</td>
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</tr>
<tr>
<td>Comparative Ancient Civilizations</td>
<td>B.A.</td>
<td>Philosophy (also major with Law and Society, B.A.) B.A.</td>
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<tr>
<td>Comparative Literature</td>
<td>B.A.</td>
<td>Political Science (also majors with Administrative Studies, B.A.; B.S.; and Law</td>
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<tr>
<td>Creative Writing</td>
<td>B.A.</td>
<td>and Society, B.A.)</td>
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<tr>
<td>Dance</td>
<td>B.A.</td>
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<tr>
<td>Economics (also majors with Administrative Studies, B.A.; and Law and</td>
<td>B.A.</td>
<td>Psychology (also major with Law and Society, B.A.) B.A.</td>
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<tr>
<td>Society, B.A.)</td>
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<td>Religious Studies (also major with Art History, B.A.) B.A.</td>
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<tr>
<td>English</td>
<td>B.A.</td>
<td>Ukrainian Studies B.A.</td>
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<tr>
<td>Ethnic Studies</td>
<td>B.A.</td>
<td>Social Relations B.A.</td>
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</tr>
<tr>
<td>Film and Visual Culture</td>
<td>B.A.</td>
<td>Sociology (also majors with Administrative Studies, B.A.; B.S.; and Law and Society,</td>
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<tr>
<td>French</td>
<td>B.A.</td>
<td>B.A.)</td>
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<tr>
<td>Germanic Studies</td>
<td>B.A.</td>
<td>Spanish B.A.</td>
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<tr>
<td>History (also majors with Administrative Studies, B.A., and Law and Society,</td>
<td>B.A.</td>
<td>Theatre B.A.</td>
<td></td>
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<tr>
<td>B.A.)</td>
<td></td>
<td>Women’s Studies B.A.</td>
<td></td>
</tr>
<tr>
<td>Human Development&lt;sup&gt;3&lt;/sup&gt;</td>
<td>B.A.</td>
<td></td>
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</tbody>
</table>

<sup>1</sup> Administrative Studies is only offered as a major combined with other programs.

<sup>2</sup> This degree is discontinued. Students working toward this degree (as well as readmitted students and transfer students accepted prior to Fall 2004) are allowed to complete the requirements but must graduate by Summer 2006.

<sup>3</sup> See Ethnic Studies for descriptions of these minors.

<sup>4</sup> The Minor in Journalism program is not currently accepting new students. Contact the Creative Writing Department for current information on the status of the program.
Students with 90 or more units toward a degree are expected to declare a major. Those who enter UCR after two years of work elsewhere may be in undeclared major status for one quarter. To declare a major, students must obtain an approval from the Student Affairs Office by filing a Petition for Declaration of Major. Students are expected to select a major by the beginning of their junior year (completion of 90 units).

If undeclared majors feel that their interests lie primarily in the areas of the natural sciences, mathematics, and statistics, or the agricultural sciences, advising can be obtained in the College of Natural and Agricultural Sciences, (909) 787-7294. Those interested in engineering or computer science can be advised in the College of Engineering (909) 787-5651.

**Double Majors**

Students can declare a second major within the College of Humanities, Arts, and Social Sciences or a second major in a department or program of another college. Changes are not permitted while on academic probation or during the final senior year (135 units or more). Both majors must be completed within the maximum limit of 216 units and approval must be obtained from advisors in both departments or programs. In such cases, all course requirements must be completed for each of the two majors chosen. If the majors are not in the same college, one of the two majors must be designated as the principal major for the purpose of satisfying breadth or general education requirements. No more than 8 upper-division units may count for both majors simultaneously.

A declaration of two majors in different colleges must be signed by the deans of the colleges concerned and filed by the student with the college of the principal major. If the two majors lead to different degrees (B.S. and B.A.), that fact will be noted on the transcript, but only one diploma indicating both degree designations will be issued upon successful completion of such a program. Furthermore, if the double major is a mixed B.S./B.A., the college requirements for both majors must be met.

Students wishing to declare a second major must present an outline to the Student Affairs Office, indicating which courses are to be counted toward the requirements for each major before a petition is accepted for the addition of a major.

**Interdisciplinary, Individual Majors**

Through the Humanities, Arts, and Social Sciences Interdisciplinary Program, courses of broad interest are offered, and students with interests not readily satisfied through existing departments and programs may develop individual majors under the direction of special faculty sponsors. The consent of the Humanities, Arts, and Social Sciences Interdisciplinary Program Committee and the associate dean are required. The title of the major will be entered on the official degree list and on the official transcript. Diplomas will read “Humanities, Arts, and Social Sciences Interdisciplinary” with the individual field of concentration specified. Students interested in a program combining two concentrations into a single major may also wish to consider the Liberal Studies Program. Several of the college’s regular major programs have an interdisciplinary emphasis that allows examination of a particular problem, theme, or area from a variety of perspectives.

**Internships, Independent Projects and Student Research**

The Humanities, Arts, and Social Sciences student can often practice the subject, as well as read about it. Many undergraduates have the opportunity to work with a faculty member on a research project, and many departments offer field work and internship courses. In these courses, students combine several hours per week of experience in an agency or firm with study of related academic materials and participation in a seminar, where formal knowledge and practical experience are related to one another. Internship experiences are regularly available in settings such as public and business administration, politics, environmental protection, social welfare, criminal justice, clinical and other psychology programs, museums and archival installations, newspapers, and art galleries.

Normally, each local internship will not count for more than 4 or 5 units in a single term, larger numbers of units being reserved for quarter-away internships. Petitions for credit beyond 5 units in a single quarter for a local internship must have the sponsoring agency’s approval and a written justification by the student’s faculty sponsor. All such requests require the associate dean’s approval.

A maximum of 16 units of credit toward the bachelor’s degree may be obtained through internship courses, with a maximum of 12 units of internship scheduled in a single quarter for quarter-away situations. Students who are on academic probation may not enroll in internship courses.

**Transfer of Majors, Changing Majors**

Students in good academic standing can petition to transfer from another college to the College of Humanities, Arts, and Social Sciences or from one major to another within the college, provided they complete the new major within the 216 unit limit. The petition must be approved by the Student Affairs Office before the change can be processed by the Office of the Registrar. Changes are not permitted while on probation or during the final senior year (135 units or more).

Students who fail to attain a GPA of 2.00 (“C”) in preparation for the major or courses required for the major may be denied the privilege of entering or continuing in that major.
Minors

The College of Humanities, Arts, and Social Sciences offers minor programs; however, no student is required to take a minor. Minors are not degree-granting majors; they are sequences of supplemental courses designed to enhance work in certain areas. Any minor may be taken jointly with any departmental or interdepartmental major. Minors in the college shall consist of not fewer than 16 nor more than 28 units of organized upper-division course work. In disciplinary minors, at least 18 of these units shall be selected from among courses selected for the major. No overlap may occur among courses used to satisfy upper-division course requirements for a major and a minor. A GPA of at least 2.0 is required in upper-division courses in the field of the minor.

University Honors Program

For a description of the University Honors Program, see Supplementary Education Programs in the front of this catalog. For a listing of requirements and courses, refer to University Honors Program in the Curricula and Courses section.

Freshmen Discovery Seminars

Freshmen Discovery Seminars are designed to introduce students to a wide variety of topics and current issues that UCR faculty explore. For humanities, arts, and social sciences, each quarter’s offerings are listed in the Schedule of Classes under HASS 092. Topics vary from quarter to quarter. The current quarter’s offerings may be found at discoveryseminars.ucr.edu. Topics include early humans, neighborhoods and body language, the U.S. economy, adoption policy, and success in college.

Each seminar is limited to 20 students, to encourage discussion. Students may enroll in a seminar offered by any of the UCR colleges (ENGR 092, HASS 092, or NASC 092), regardless of their major. Each seminar carries one unit of academic credit, although units are not applied toward major requirements. The seminars are graded on a satisfactory/no credit basis.

Undergraduate Program in Business Administration

The A. Gary Anderson Graduate School of Management (AGSM) and the College of Humanities, Arts, and Social Sciences jointly offer an upper-division major in Business Administration intended for students who seek a professional education in management in the private sector. Students who elect the pre-major are advised in the College of Humanities, Arts, and Social Sciences during their freshman and sophomore years and after admission to the major, are advised by the AGSM. In addition to administering the program, the AGSM also teaches courses in finance, accounting, marketing, and management information systems. The B.S. degree in Business Administration is awarded by the College of Humanities, Arts, and Social Sciences.

Degree Requirements

Students in the College of Humanities, Arts, and Social Sciences must meet three levels of requirements for the Bachelor of Arts or Bachelor of Science degree: general university requirements, college requirements, and major requirements.

General University Requirements

General university requirements are listed at the beginning of the Undergraduate Studies section. In addition, the College of Humanities, Arts, and Social Sciences has the following requirements and limitations.

Unit Requirements

Students must satisfactorily complete for credit a minimum of 180 units for the bachelor’s degree. A maximum of 216 units is allowed. After having credit for 216 units, students are not permitted to continue except in cases approved by the associate dean in which specific academic or professional reasons are involved.

Credit Limitations

Transfer students with credit from other institutions (advanced standing credit), receive a transfer profile from the Office of Undergraduate Admissions. The Student Affairs Office evaluates the course work, indicating how the transferable credits are applied toward the degree. However, the following credit limitations may reduce the total number of units which apply toward the degree in the College of Humanities, Arts, and Social Sciences. Students should meet with an academic advisor in their major for questions regarding transfer credits.

The following credit limitations apply for all students enrolled in the college:

1. After completing 105 quarter units at a community college, students are not allowed further units for courses completed at a community college.

2. No more than 6 units in physical education activity courses (PED 001) may be applied toward the 180-unit requirement for the bachelor’s degree.
3. No 400 series courses and not more than three courses in the 300 series of courses may be counted toward the 180 unit requirement for the bachelor’s degree.

4. No more than 5 units of credit may be taken per quarter in special studies courses. See specific restrictions under each departmental listing regarding credit toward the major in special studies courses.

### College Breadth Requirements

The Student Affairs Office, in consultation with the Executive Committee of the College of Humanities, Arts, and Social Sciences, determines which courses apply to the following requirements. It is the student’s responsibility to verify those courses that fulfill these subject requirements. Refer to [chass.ucr.edu/student_affairs/links.html](http://chass.ucr.edu/student_affairs/links.html) for a quarterly list of courses that satisfy the college breadth requirements.

Courses taken in the department or program of a student’s major (including courses cross-listed with the major) may not be applied toward the breadth requirements except for History majors in connection with the World History requirement, English majors in connection with the English Composition requirement, Ethnic Studies majors in connection with the Ethnicity requirement, and foreign language majors in connection with the Foreign Language requirement. However, courses outside the major discipline, but required for the major, may be applied toward satisfaction of these requirements.

Students who elect a double or interdisciplinary major may apply courses in one of the majors or departments toward satisfaction of the breadth requirements.

For the following requirements, a course is defined as a block of instruction which carries credit of 4 or more units.

No course may be applied to more than one breadth requirement, with the exception of the course taken to meet the Ethnicity requirement. Internship and independent studies courses may not be used to satisfy breadth requirements.

Courses offered by or cross-listed with Business Administration, Education, and Physical Education may not be used to satisfy breadth requirements.

**English Composition**

Students must demonstrate adequate proficiency in English Composition by completing a one-year sequence of college level instruction in English Composition with an average grade of “C” or better and no grade lower than “C-.”

Students with an overall GPA under “C” in the ENGL 001A, ENGL 001B, ENGL 001C sequence will be required to repeat composition courses as necessary in order to meet the required “C” average minimum. It may be necessary to repeat one or more of ENGL 001A, ENGL 001B, ENGL 001C courses in which a grade of “C-” was earned in order to fulfill the three-quarter English composition average of “C” or better. However, courses with a grade of “C-” cannot be repeated for credit to alter the transcript grade point average.

Students should enroll in an English composition course each quarter they are registered at UCR until the sequence of preliminary Basic Writing courses, if needed, and ENGL 001A, ENGL 001B, ENGL 001C is completed with satisfactory GPA.

Transfer students who have credit for one semester of English Composition from another institution are required to take two additional quarters, i.e., ENGL 0001B and ENGL 001C.

Students have the option of using a score of 3 on the College Board Advanced Placement Test in English to satisfy ENGL 001A; they must complete ENGL 001B and ENGL 001C.

Students with a score of 4 or 5 on the College Board Advanced Placement Test in English have satisfied ENGL 001A and ENGL 001B; they must complete ENGL 001C.

**Humanities:** 20 units

For the B.A. degree

1. One course in world history (At UCR, courses that satisfy this requirement are HIST 010 or HIST 015 or HIST 020.)
2. One course in the Fine Arts (Art, Art History, Dance, Film and Visual Culture, Music, Theatre, or Creative Writing courses in poetry, fiction, or playwriting)
3. Two courses from among the following:
   a) Literature (offered by the departments of English, Comparative Literature and Foreign Languages, Hispanic Studies)
   b) Philosophy
   c) Religious Studies
4. One additional course from the following:
   a) History, the Fine Arts, Literature, Philosophy, Religious Studies

For the B.S.

1. One course in world history (At UCR, courses that satisfy this requirement are HIST 010 or HIST 015 or HIST 020.)
2. One course in the Fine Arts (Art, Art History, Dance, Film and Visual Culture, Music, Theatre, or Creative Writing courses in poetry, fiction, or playwriting)
3. Two courses from among the following:
   a) Literature (offered by the departments of English, Comparative Literature and Foreign Languages, Hispanic Studies)
   b) Philosophy
   c) Religious Studies
4. One additional course from the following:
   a) History, the Fine Arts, Literature, Philosophy, Religious Studies
b) A foreign language at level 3 or higher (Courses used in fulfillment of the foreign language requirement may not be used to meet this requirement.)

c) A humanities course offered by Ethnic Studies; Creative Writing (courses in journalism); Humanities, Arts, and Social Sciences Interdisciplinary; Latin American Studies; Linguistics; or Women’s Studies

For the B.S. degree

1. One course in world history (At UCR, courses that satisfy this requirement are HIST 010, HIST 015, or HIST 020.)

2. One course from the following:
   a) Fine Arts (Art, Art History, Dance, Film and Visual Culture, Music, Theatre, Creative Writing courses in poetry, fiction, or playwriting)
   b) Literature (taken in the departments of English, Comparative Literature and Foreign Languages, or Hispanic Studies)
   c) Philosophy
   d) Religious Studies

3. Three additional courses from the following:
   a) History, the Fine Arts, Literature, Philosophy, Religious Studies
   b) A foreign language at level 3 or above
   c) Humanities courses offered by Ethnic Studies; Creative Writing (courses in journalism); Humanities, Arts, and Social Sciences Interdisciplinary; Latin American Studies; Linguistics; or Women’s Studies

Social Sciences: 16 units

1. One course in Economics or Political Science

2. One course in Anthropology, Psychology, or Sociology

3. Two additional social science-related courses from Comparative Ancient Civilizations, Ethnic Studies; Environmental Sciences; Geography (cultural geography courses); Human Development; Humanities, Arts, and Social Sciences Interdisciplinary; Women’s Studies; or one of the disciplines in (1) or (2) above

Ethnicity: 4 units

One course focusing on the general concepts and issues in the study of race and ethnicity in California and the United States. Courses that satisfy this requirement must concentrate on one or more of the following principal minority groups (African American, Asian American, Chicano/Latino, and Native American). These courses must be comparative in nature, analyzing the minority group experience within the present and historical context of other racial and ethnic groups, such as European-American minorities. The courses are to be offered by or cross-listed with the Department of Ethnic Studies.

Refer to the Courses and Curricula section for the courses that fulfill the Ethnicity requirement.

Foreign Language

Courses in American Sign Language may be used to meet this requirement.

For the B.A. degree: course level 4 or equivalent

This requirement may be satisfied by students (except for foreign language majors who satisfy the spirit of the language requirement by majoring in one or more languages) by completing the fourth-quarter level or its equivalent in one language at UCR (or at another college or university) with a minimum grade of “C” or by demonstrating proficiency at the fourth-quarter level on a foreign language placement exam offered by one of the foreign language departments at UCR. This test does not yield unit credit; it only determines whether the Foreign Language requirement has been met, or in which course of the language sequence a student should enroll. The placement exam may be taken only once in each subject during a student’s UCR career. Students continuing with the same foreign language they completed in high school must take a placement exam (see Schedule of Classes for dates and locations). Credit will be allowed only at the course level for which they qualify according to the placement exam.

For the B.S. degree: course level 3 or equivalent

This requirement may be satisfied by students (except for foreign language majors who satisfy the spirit of the language requirement by majoring in one or more languages) by completing the third-quarter level or its equivalent in one language at UCR (or at another college or university) with a minimum grade of “C” or by demonstrating proficiency at the third-quarter level on a foreign language placement exam offered by one of the foreign language departments at UCR. This test does not yield unit credit; it only determines whether the Foreign Language requirement has been met, or in which course of the language sequence a student should enroll. The placement exam may be taken only once in each subject during a student’s UCR career. Students continuing with the same foreign language they completed in high school must take a placement exam (see Schedule of Classes for dates and locations). Credit will be allowed only at the course level for which they qualify according to the placement exam.

ArtsBridge Scholar Tracey Roberson directs a production of The Taming of the Shrew at University Middle School in Riverside.
Natural Sciences and Mathematics: 20 units
1. One course in Mathematics, Statistics, or Computer Science
2. One course in Biological Sciences (Biochemistry, Biology, Botany and Plant Sciences, Entomology, Nematology, or Plant Pathology)
3. One course in Physical Sciences (Chemistry, Physics, Earth Sciences, excluding cultural Geography courses)
4. Two additional courses from the areas listed above or in physical and/or biological science courses offered in the Department of Environmental Sciences

Major Requirements
Detailed requirements for each major can be found under the department or program listing in the Curricula and Courses section of this catalog.

A major in the College of Humanities, Arts, and Social Sciences shall consist of not fewer than 36 upper-division units. All courses applied toward the major and preparation for the major must be taken for a letter grade unless otherwise approved by the department chair. A 2.00 GPA in upper-division courses in the major is required for graduation. Once enrolled on this campus, students must complete all courses designated for a major in regular or summer sessions at UCR; exceptions to this policy must be approved by the department chair and by the associate dean.

Candidates for the B.A. degree may not receive more than 80 units of credit toward the degree for work taken in the major discipline (i.e., students must take at least 100 units outside the major discipline). Music majors may count a maximum of 102 units of music course work toward the B.A. degree (i.e., students must take at least 78 units outside the Music major).

Candidates for the B.S. degree may not receive more than 108 units of credit toward the degree for work taken in the major discipline (i.e., students must take at least 72 units outside the major discipline).

To receive the bachelor’s degree, transfer students must complete a minimum of 16 upper-division units in the major on the Riverside campus.

Students who have been away from the university for several terms should consult with their major departmental advisor about the requirements under which they may graduate. See the Catalog Rights Policy for Undergraduate Degrees in the Academic Regulations section of this catalog.

College Policies and Procedures
For more information on UCR policies and regulations see the Academic Regulations section of this catalog.

College Regulations
Refer to the College of Humanities, Arts, and Social Sciences Web site chass.ucr.edu/student_affairs for general information regarding college policies and procedures.

Student Responsibility
Students are responsible for meeting deadline dates regarding enrollment, add/drop, change of grading basis, credit by examination, withdrawal, declaration of candidacy, and other actions. The dates are in the quarterly Schedule of Classes and must be observed. Advising can be obtained in the student’s major department or in the college’s Student Affairs Office, 3400 Humanities and Social Sciences Building.

Academic Advising
It is the student’s responsibility to meet all graduation requirements: general university, college, and major.

Major advisors are available within each department or program. All departments assign an academic advisor to each major and may require an advisor’s approval before enrolling, submitting an academic petition, or making a change in the class schedule. Entering students who have not yet selected a major field of study should contact the Student Affairs Office.

College advising services are located in the Student Affairs Office. A staff of academic advisors is readily available to assist with questions pertaining to academic regulations and procedures, selection of courses which satisfy breadth requirements, major options, and alternatives.

Many questions may be answered at the receptionist’s desk or by phoning the Student Affairs Office at (909) 787-3683. Students who need to confer with an advisor about overall degree requirements, academic difficulty, program planning, or assistance in selecting a major may walk in during advising hours.

Course Enrollment
Students are required to register and enroll by the date set by the campus (see the Schedule of Classes for details).
The recommended study load for undergraduate students is 12 to 16 units (three to four courses) per quarter. A three- to four-course load (12 to 14 units) is recommended for students in the first quarter of the freshman year. The minimal program for an undergraduate student to be considered full time is three courses (12 units) per quarter. The normal progress for an undergraduate student is four courses (16 units) per quarter.

A class schedule of fewer than 12 units must be approved by the associate dean. (See the Schedule of Classes for details regarding fee reductions.) The college recommends that students on academic probation not enroll for more than 14 units. Students on probation may not take courses on an S/NC basis.

After the first week of instruction, students may request changes by petition during a specified period. Such petitions must be approved by the faculty advisor and also, in the case of adds or drops, by the instructor concerned. Withdrawal from any course or a change in the class schedule outside the regular period requires the approval of the associate dean.

Courses (including Special Studies courses) cannot be added after the third week of instruction; courses cannot be dropped after the fifth week of instruction. The grading basis for a course cannot be changed after the eighth week of instruction. Courses dropped after the third week of instruction will appear on the record with a “W” notation. After the third week of instruction, a fee is required to file the petition to change the class schedule.

Enrollment on Satisfactory/No Credit Basis

Undergraduate students in good academic standing may receive credit for courses undertaken and graded “S” up to a limit of one-third of the total units undertaken and passed on the Riverside campus at the time the degree is awarded. Normally, this means no more than 4 units of “S/NC” per quarter. The total also includes courses graded only “S/NC.” Courses that are required in, or prerequisite to, a major may not be taken on an S/NC basis unless approved by the chair of the major department. Students on special status or may take courses on an S/NC basis only with the approval of the associate dean.

A student may elect “S/NC” or delete “S/NC” from a course by filing a petition (Add/Drop form) with the Registrar. The deadline is the end of the eighth week of instruction and is listed each quarter in the Schedule of Classes.

Regulations governing the S/NC option are described under Credit and Grades in the Academic Regulations section of this catalog.

Part-time Study

For details, see Part-Time Study under the Finances and Registration section of this catalog.

Petitions

A petition is a form representing a student’s need or desire to be excepted from any standard rule or regulation in the university. It is the only way to obtain formal approval from the department, the college or school, the Registrar, or whomever has authority over a particular request. Some petitions carry a small fee; others are free.

An approved petition for a waiver or substitution in degree requirements represents an agreement between the student, the college or school, and in some cases, the department chair, granting the student an exception from the existing regulations.

Petitions are also used at UCR to change college or major, enroll in fewer units than regulations permit, make late changes to a class schedule, obtain credit by examination, concurrent enrollment, or withdraw from the university. Petitions for most of these exceptions are available in the Student Affairs Office.

Credit by Examination

To earn credit for a course by examination without formal enrollment in that course, students must be in residence and in good academic standing.

Before the examination may be given, arrangements and approval for examination for degree credit must be made with the instructor appointed to give the examination, a faculty advisor (if the major department requires it), and the associate dean. Petitions must be filed with the Office of the Registrar no later than the third week of instruction. Credit by examination is not allowed for English Composition courses.

The results of all examinations for degree credit are entered on students’ records as though they had actually taken the courses of instruction. There is a $5 service charge for each petition. The credit by examination procedure may not be used as a means of improving a previous grade.

Undergraduate Credit for Graduate Courses

Students who have a GPA of at least 3.00 in all courses taken in the university or have shown exceptional ability in a special field may take a graduate course for undergraduate credit with the permission of the instructor concerned. Students must have completed at least 18 upper-division quarter units basic to the subject matter of the course.
Progress Toward the Degree

At the close of each quarter, the courses, units, grades, and grade points earned are added to the student’s cumulative university record. This record summarizes progress toward a degree. Lack of adequate progress may jeopardize continued registration.

Declaration of Candidacy

Students should use the PAWS degree check feature each quarter to determine satisfaction of degree requirements and to view remaining requirements. Any discrepancies, questions, or concerns need to be brought to the attention of their academic advisor. Students should check with their academic advisor in their major department or program three quarters before expected graduation to establish remaining requirements.

The application for graduation must be filed with the major department or program by the deadline noted in the Schedule of Classes each quarter. Fall quarter deadline is the third week of instruction. The deadline to file for graduation in winter or spring quarters is the same as the fee payment deadline for those quarters. The summer deadline is the first week of the first summer session. Once the application is filed, the student’s name will be entered on the appropriate degree list. Students who need to amend the prospective quarter of graduation and who have submitted an application for graduation petition must notify the Student Affairs Office, in writing, as soon as possible.

Withdrawals

Students may withdraw from the university prior to the end of instruction, for serious personal reasons, with the approval of the associate dean. Forms are available in the Student Affairs Office.

Preparing for the Professions

A wide variety of majors and programs available in the College of Humanities, Arts, and Social Sciences provides an excellent background and preparation for immediate entry into the job market or for graduate and professional schools. Some of these are listed below; however, students are urged to see their faculty advisor or a counselor in the Career Center for further information.

The Arts

Undergraduate majors in the arts at UCR are designed to provide a solid liberal arts education at the same time as they provide essential training in the practical techniques of the specific art field involved. This means that arts majors provide a broad educational background, on a par with the other majors in the college, which prepares each student for effective participation in any job market where educational breadth is important.

Through the thorough practical training in each art field, an increasing number of UCR students are finding attractive career opportunities in the visual arts, writing, dance, music, and theater arts. Not that it has become any easier to practice as an artist or performer; these remain options best followed by the most talented and determined. However, the opportunities in many arts-related fields are increasing as the role of the arts continues to expand. Such opportunities include positions in teaching, music and dance therapy, graphics, theater management, costume design, performing arts management, fine arts publication, the recording industry, the arts, and criticism. Moreover, new professions, which will open yet wider vistas in coming years, are evolving for those trained in the arts.

UCR students who graduate with a major in one of the arts have consistently gained admission to graduate schools at outstanding universities, conservatories, and professional schools throughout the country. At UCR, students may major in Art, Art History, Creative Writing, Dance, Film and Visual Culture, Music, or Theatre. At the graduate level, the M.A. degree is offered in Art History and in Music. M.F.A. degrees include Creative Writing and Writing for the Performing Arts, and Dance, and a Ph.D. is offered in Dance History and Theory.

The Chancellor provides performance awards for excellence in the arts for students who have already achieved high proficiency upon entry into the university and who will continue to practice their art forms while students at UCR. For further information, contact the departments of Art, Dance, Music, Theatre, and Creative Writing.

The Gluck Fellows Program of the Arts at UCR provides Gluck Faculty, Graduate, and Undergraduate Fellows the opportunity to bring their respective art forms to elementary, middle, and high school students and nursing home residents who have little or no access to the arts. The departments of Art, Art History, Creative Writing, Dance, Music, and Theatre as well as the Sweeney Art Gallery and UCR/California Museum of Photography participate in the Gluck Fellows Program of the Arts. Students interested in the Gluck Fellows Program of the Arts should check with individual departments. ArtsBridge is an arts education and outreach program of the University of California. ArtsBridge provides scholarships to qualified students.
UC undergraduate and graduate students to teach the arts and conduct arts-related workshops in art, dance, drama, music, and digital arts in the local communities.

**Business Administration** While no specific major is required for admission to most graduate schools of administration or management, the undergraduate programs in Business Administration, Business Economics, and the various majors offered in combination with Administrative Studies provide excellent preparation. At UCR, the curriculum in these majors stresses the principles of managerial decision making and methods of gathering and analyzing the diverse data on which decisions must be based.

It is also important to note that other majors in the liberal arts can serve as effective preparation for entry into the worlds of management and business. Any major curriculum that includes substantial emphasis on oral and written expression and analytic and critical thinking can serve this purpose, particularly if accompanied by a suitable cluster of courses in business and management topics. Internships, which are available in business and industry settings, can assist in clarifying educational and personal goals, allowing exploration of alternative career options, and providing the opportunity to apply academic background to a practical, real world experience.

Students who wish to pursue a graduate degree in the Business Administration field may wish to consider UCR’s A. Gary Anderson Graduate School of Management.

**Law** Most law schools require a baccalaureate degree. Law schools do not require a uniform prelaw course of study or a specific college major; backgrounds in the physical sciences are as acceptable as those in the social sciences and humanities. However, law schools in general do recommend that the prelaw student attempt to reach several goals during the undergraduate years: an understanding of the development of social, political, and economic institutions; an ability to communicate well, both orally and in writing; the capacity to think clearly, carefully, and independently; and a habit of disciplined study. Therefore, there is no specific, formal prelaw curriculum that a student must take.

Most law schools require applicants to take the Law School Admission Test, administered regionally by the Educational Testing Service. The test is administered at UCR on three occasions during the year. Applications for and information about this test may be secured in the office of the Department of Political Science or by writing to the Educational Testing Service, Princeton, NJ 08540.

Students who are considering applying to law schools are strongly urged to consult with the prelaw advisor in the Department of Political Science, 2224 Watkins Hall.

**Librarships** All library schools accredited by the American Library Association require a baccalaureate degree for admission and usually a reading knowledge of one or two languages other than English. A broad general background, supported by the ability to read rapidly and intelligently, is helpful. The knowledge, in depth, of the literature of some subject area is especially advantageous. All subject fields, including the biological and natural sciences, the humanities, and the social sciences may prepare a student for graduate study in librarianship.

In addition to career opportunities in public, school, and academic libraries, special librarians may work in government agencies, and in commercial and industrial firms, such as pharmaceutical companies, banks, and advertising agencies.

**Museums, Archives, and Historic Preservation** The American Association of Museums and The Society of American Archivists have designated the master’s degree as the professional degree level for careers in museums and archives. The Program in Historic Resources Management for the M.A. (Department of History) provides professional education and training for these careers, as well as for careers in general historic preservation and public history.

The UCR/California Museum of Photography is of significant value to those interested in photographic history and museum practices, as well as to those with creative interests in photography.

**Public Administration** Government agencies offer many administrative career options including jobs in personnel, budget administration, labor relations, program analysis and public information. These types of positions may require a bachelor’s or a master’s degree or a combination of degrees plus experience. Students interested in a career in public information are encouraged to acquire a broad liberal arts education at the undergraduate level. An undergraduate major in any of the social sciences provides appropriate preparation for graduate work in public administration. Special attention is called to the majors in Political Science/Administrative Studies, Political Science/International Affairs, and Political Science/Public Service.

At UCR, students may gain valuable experience in government agencies through the **Academic Internship Program**. In addition to numerous local internship settings, there are quarter-away internships available in several Sacramento and Washington, D.C. offices. See the Career Center in the Student Services section of this catalog.

The **UC Washington Center** program provides undergraduate students with a multidimensional educational experience in Washington, D.C. Students undertake academic pursuits as well as cultural and social activities. The program combines course work with field research and internship experience. See UC Washington Center in the About UC Riverside section of this catalog.
Social Welfare Full professional training usually consists of two years of graduate training leading to the degree of Master of Social Work.

Students planning to seek employment in social welfare after completing the baccalaureate degree should prepare in the fields of psychology (particularly child and adolescent psychology and the study of personality), sociology (with emphasis on society and personality, social thought and social organization), economics, political science, anthropology, and statistical and research methods in the social sciences. The B.A. or B.S. degree in Social Relations is an excellent preparation both for direct entry into social welfare positions and for graduate professional training. Students who plan to enter a professional school of social work following undergraduate training should consult with an advisor at UCR for the best selection of classes.

Career opportunities for students with the B.A. or B.S. degree include positions as deputy probation officer, social worker, group counselor, corrections officer, substance abuse counselor, and community relations worker. Internships are very appropriate aspects of the undergraduate program in preparation for such careers.

Teaching Credential Programs Students planning a career as a teacher may wish to consider one of the majors that offers a subject matter preparation program. Currently, 38 subject-matter preparation programs for the Multiple Subjects Credential are available at UCR. Having completed such a program, a student may apply to UCR’s teaching credential program without being required to pass a subject-matter competence examination. Specific details and counseling are available at individual department offices and the Graduate School of Education and at education.ucr.edu.

Students who are considering working toward any teaching credential should attend one of the credential information seminars offered by the Teacher Education Services Office (1124 Sproul) for advice in the planning of an academic program.

The Bridge to Teaching Program is a pre-professional program open to undergraduates from all majors who are interested in teaching in California elementary schools. Students fulfill the subject requirement for the California elementary-school teaching credential by taking certain courses, thus waiving the requirement to take the Multiple Subjects Assessment for Teachers test. Interested students should contact the Liberal Studies and Interdisciplinary Programs office, (909) 787-2743, as early as possible in their academic career, as the required courses must be completed before finishing the bachelor’s degree.

COLLEGE OF NATURAL AND AGRICULTURAL SCIENCES

Student Affairs
1140 Batchelor Hall
University of California, Riverside
Riverside, CA 92521
(909) 787-7294; fax (909) 787-2243
cnas.ucr.edu

The College of Natural and Agricultural Sciences offers the Bachelor of Arts and the Bachelor of Science degrees. The B.A. degree provides for both broad general education and major field specialization. The B.S. degree, obtainable in most of the college majors, stresses advanced work in the major and associated fields. All degree programs provide students with an opportunity to develop an understanding and appreciation of man’s relationship to society, in addition to preparing them for careers in their fields of specialization.

The variety of degree programs and the flexibility of each provide great freedom of choice to students. Cooperative efforts between departments in the college provide for interdepartmental (interdisciplinary) majors. Students may elect to take double majors within the college or between this college and another. See the college’s Student Affairs Office for information on double majors. Individual majors may be planned for students who find that individual goals can be accommodated through the resources and interested faculty at UCR. Information and regulations on individual majors may be obtained from the college’s Student Affairs Office.

For information on graduate degrees see the Graduate Studies section of this catalog.

Majors

A major is a coordinated group of upper-division courses (100-199 series) in a field of specialization. Early choice of a major is desirable. The courses for any particular major are specified by the relevant department or departmental group, and they must provide at least 36 upper-division units of credit, normally taken on a letter grade basis. No more than 84 units in any one discipline may be applied to the degree.
Admission to Majors

Admission of Freshmen

Applicants to majors in the College of Natural and Agricultural Sciences who excel in the academic criteria, with additional emphasis on advanced mathematics and laboratory science preparation, will be considered. It is strongly recommended that students have sufficient mathematics competency to qualify for college-level calculus at the time of enrollment.

Transfer Students

The College of Natural and Agricultural Sciences emphasizes additional math and science preparation in its selection of students. Applicants must have a GPA of 2.70 or better in transferable course work. Applicants to majors in Biochemistry, Biological Sciences, Biology, and Chemistry must complete one-year sequences in three areas of science and/or mathematics. The same preparation is recommended for applicants to other majors.

The Intersegmental General Education Transfer Curriculum (IGETC) is not accepted for students planning to transfer to the College of Natural and Agricultural Sciences. Courses taken to satisfy the IGETC may be applied to the college’s breadth pattern.

Choosing a Major, Undeclared Majors

Although freshmen may choose an academic major on entering UCR, those who are unsure about specific academic goals may request to be admitted as an undeclared student, choosing one of three options in this category.

1. Undeclared — Life Sciences, for students interested in Biochemistry, Biology, Biological Sciences, Botany and Plant Sciences, Conservation Biology, Entomology, or Neuroscience
2. Undeclared — Mathematic Sciences, for students interested in Mathematics, or Statistics
3. Undeclared — Physical Sciences, for students interested in Chemistry, Earth Sciences, Environmental Sciences, or Physics

Students who follow the recommended program for any of the three undeclared options will be prepared to enter a wide variety of science majors. Even if their plans change several quarters later, they will have avoided academic difficulty by planning a sensible, basic preliminary strategy. Individuals entering as students in one of the three undeclared options are advised through the college’s Student Affairs Office by both professional staff and faculty from diverse science departments. Actual admission into degree programs is predicated upon successful completion of courses with satisfactory grades. Transfer into another college requires performance judged to be satisfactory by that college.

All students with 90 or more units toward a degree are expected to declare a major. To declare a major, obtain approval from the college’s Student Affairs Office by filing a Change of Major. Students are expected to declare a major by the beginning of their junior year (completion of 90 units).

If students in one of the three undeclared options feel their interests lie primarily in the areas of humanities or social sciences, advising can be obtained in the College of Humanities, Arts, and Social Sciences, (909) 787-3683. Those interested in engineering or computer science can be advised in the College of Engineering, (909) 787-5651.

Double Majors

A declaration of a second major must be filed at the college’s Student Affairs Office at least two quarters before graduation and approved by both academic major advisors and the associate dean. At the time of filing, a student must have completed 120 units, with at least 18 upper-division units in the primary major and at least 8 upper-division units in the secondary major. Of the required upper-division units, a minimum of 24 (no more than 4 of which can be 190-199 courses) must be unique to each major. A student must also be in good academic standing and be able to complete both majors without exceeding the 216 unit college maximum. A student may elect a second major in a department or interdepartmental group of another college. A declaration of such a second major must be signed by the associate deans of both colleges and filed by the student with the primary college. A student will meet requirements of both primary and secondary majors and the college requirements of the primary major if they are both in the same baccalaureate class. If the two majors lead to different degrees (B.S. and B.A.), that fact will be noted on the transcript, but only one diploma indicating both degree designations will be issued upon successful completion of such a program.
Furthermore, if the double major is a mixed B.S./B.A., the college requirements for both majors must be met. Information on how to file for double majors may be obtained from the college’s Student Affairs Office.

**Changing Majors**

Students may change majors if they are in good standing and will not exceed the unit limitation of 216 units toward the degree. Students can petition to change their major within the college or transfer from another college to the College of Natural and Agricultural Sciences. Students interested in transferring to the College of Natural and Agricultural Sciences should consult with an advisor in the major department regarding specific prerequisite courses. Students who have attained junior standing are reviewed for course coverage and grade point average for the new major.

Students who fail to attain a GPA of 2.00 (“C”) in preparation for the major or major courses may be denied the privilege of entering or continuing in that major.

**Minors**

The College of Natural and Agricultural Sciences offers minor programs. Each minor consists of not fewer than 20 nor more than 28 units of organized upper-division courses. No more than 4 units of 190-199 courses may be used in fulfilling the upper-division unit requirement for a minor. No more than 8 units may be counted towards both the major and the minor. The department, program, or interdisciplinary committee offering the minor is responsible for student and administrative issues pertaining to the minor. Students must file a declaration of a minor by filing a petition with the college’s Student Affairs Office at least two quarters before graduation and must be in good academic standing at the time of filing. A minor requires the signature of the department chair or chair of the faculty committee which supervises the minor and the signature of the associate dean.

**University Honors Program**

For a description of the University Honors Program, see Supplementary Education Programs in the front of this catalog. For a listing of requirements and courses, refer to University Honors Program in the Curricula and Courses section.

**Financial Assistance**

The College of Natural and Agricultural Sciences maintains funds for undergraduate scholarships. Application materials and information are available in the college’s Student Affairs Office during spring quarter.

**UCR/UCLA Thomas Haider Program in Biomedical Sciences**

The College of Natural and Agricultural Sciences offers a unique opportunity for outstanding high school students to complete a rigorous program of accelerated study leading to the M.D. degree one year earlier than it is usually granted. This program involves courses structured to combine the basic sciences of biology, chemistry, physics, and mathematics, and courses in the humanities and social sciences, with courses normally taught in the first two years of medical school. The curriculum is taught cooperatively by faculty of UCR and the UCLA School of Medicine, and leads in seven years to an M.D. degree from UCLA, as well as a B.S. in Biomedical Sciences from UCR after the fourth year in the program.

Progression through the program is by screening and interviews at the end of each of the first three years. After this period, up to 24 qualified first-year medical students are selected. Instruction continues in residence at UCR until the end of the fifth year, at which time students will transfer directly to the UCLA School of Medicine for the last two years of clinical work. Information for interested students about the program and the suitability of majoring in Biomedical Sciences can be obtained from the program counselor.

Changes are being considered for Fall 2003 admission to the Biomedical Sciences Program. Check [biomedupdate.ucr.edu](http://biomedupdate.ucr.edu) or address inquiries to: Division of Biomedical Sciences, University of California, Riverside, Riverside, CA 92521-0121; [biomed.ucr.edu](http://biomed.ucr.edu).

**Freshmen Discovery Seminars**

Freshmen Discovery Seminars are designed to introduce students to a wide variety of topics and current issues that UCR faculty explore. For the natural and agricultural sciences, each quarter’s offerings are listed in the online [Schedule of Classes](http://scheduleofclasses.ucr.edu) under NASC 092. Topics vary from quarter to quarter. The current quarter’s offerings may be found at [discoveryseminars.ucr.edu](http://discoveryseminars.ucr.edu).

The seminars have no prerequisites, and freshmen are given enrollment priority, although sophomores may enroll with instructor’s consent, if space is available.

Each seminar is limited to 20 students, to encourage discussion. Students may enroll in a seminar offered by any of the UCR colleges (ENGR 092, HASS 092, or NASC 092) regardless of their major. Each seminar carries 1 unit of academic credit, although units are not applied toward major requirements. The seminars are graded on a Satisfactory/No Credit basis.

**Degree Requirements**

Students in the College of Natural and Agricultural Sciences must meet three levels of requirements for the Bachelor of Arts or Bachelor of Science degree: general university requirements, college requirements, and major requirements.
General University Requirements

General university requirements are listed at the beginning of the Undergraduate Studies section. For information on university regulations see the Academic Regulations section of this catalog.

In addition to the above General university requirements, the College of Natural and Agricultural Sciences has the following unit requirement.

Unit Requirement

Students are not normally expected to take significantly more than 180 units to obtain the bachelor’s degree. After having credit for 216 units, a student will not be permitted to continue except by approval of the associate dean when specific academic or professional reasons are involved.

The following credit limitations apply for all students enrolled in the college:

1. After completing 105 quarter units at a community college, students are not allowed further units for courses completed at a community college.
2. No more than 6 units in physical education activity courses (PED 001) may be applied toward the bachelor’s degree.
3. No more than three courses in the 300 series of courses may be applied toward the bachelor’s degree. Credit is not granted for 400 series courses taken in UC Extension.

College Policy for the Intersegmental General Education Transfer Curriculum

The Intersegmental General Education Transfer Curriculum is not accepted for students planning to transfer to the College of Natural and Agricultural Sciences. It does not adequately cover the lower-division mathematics and science prerequisites required for majors in this college.

College Breadth Requirements

For the following requirements, a course is defined as a block of instruction which carries credit of 4 units or more. Courses taken in the department or program of a student’s major (including courses cross-listed with the major) may not be applied toward the breadth requirements except for Biology majors and Biological Sciences majors in connection with the Biological Sciences requirement. However, courses outside the major discipline, but required for the major, may be applied toward satisfaction of these requirements.

Some majors in the college may have specific course requirements for meeting the following breadth requirements. Check under individual major requirements in the Curricula and Courses section of this catalog.

Requirements are for both the B.A. and the B.S. degrees unless specified separately.

English Composition

Students must demonstrate adequate proficiency in English Composition by completing a one-year sequence of college-level instruction in English Composition with an average grade of “C” or better and no grade lower than “C-.” UCR’s sequence is ENGL 001A, ENGL 001B, and ENGL 001C. ENGL 01HC or ENGL 01SC may be substituted for ENGL 001C, but only one of these courses can be taken for credit. Transfer students who have credit for one semester of English Composition from another institution are required to take two additional quarters (i.e., ENGL 001B and ENGL 001C).

Students have the option of using a score of 3 on the College Board Advanced Placement Test in English to satisfy ENGL 001A; they must complete ENGL 001B, and ENGL 001C. Students with a score of 4 or 5 on the College Board Advanced Placement Test in English have satisfied ENGL 001A and ENGL 001B; they must complete ENGL 001C.

Students with an overall grade point average under “C” in the ENGL 001A, ENGL 001B, and ENGL 001C sequence will be required to repeat composition courses as necessary in order to meet the required “C” average minimum. It may be necessary to repeat one or more of ENGL 001A, ENGL 001B, and ENGL 001C courses in which a grade of “C-” was earned in order to fulfill the three-quarter English composition average of “C” or better. However, courses with a grade of “C-” cannot be repeated for credit to alter the transcript grade point average.

Beginning with their initial matriculation, students should enroll in an English composition course each quarter they are registered at UCR until the sequence of preliminary Basic Writing courses, if needed, and ENGL 001A, ENGL 001B, and ENGL 001C is completed with satisfactory grade point average. A student may not receive baccalaureate credit for any work in English composition taken prior to completing the Subject A requirement.

Humanities

For the B.A. degree: 20 units
1. One course in world history (At UCR, courses that satisfy this requirement are HIST 010, HIST 015, or HIST 020.)
2. One course in the Fine Arts (Art; Art History; Creative Writing courses in poetry, fiction, or play-writing; Dance; Film and Visual Culture; Music; Theatre or from among courses within these disciplines as designated by the Executive Committee of the College of Humanities, Arts, and Social Sciences)
3. Two courses from among the following:
   a) Literature taken in the departments or programs in Comparative Literature and Foreign Languages, English, Film and Visual Culture, Hispanic Studies, or from among courses within these disciplines as designated by the Executive Committee of the College of Humanities, Arts, and Social Sciences
   b) Philosophy, taken in the Department of Philosophy, or from among courses within this discipline as designated by the Executive Committee of the College of Humanities, Arts, and Social Sciences
   c) Religious Studies, taken in the Department of Religious Studies, or from among courses within this discipline as designated by the Executive Committee of the College of Humanities, Arts, and Social Sciences

4. One additional course from the following:
   a) History, the Fine Arts, Literature, Philosophy, Religious Studies
   b) A foreign language at level 4 or above
   c) A humanities course offered by Ethnic Studies; Comparative Ancient Civilizations; Creative Writing (courses in journalism); Film and Visual Culture; Humanities, Arts, and Social Sciences; Latin American Studies; Linguistics; or Women’s Studies

No course used to satisfy the English Composition requirement will apply toward Humanities credit. No more than two courses in performance may be counted toward the Humanities requirement.

**For the B.S. degree:** 12 units

1. One course in world history (At UCR, courses that satisfy this requirement are HIST 010, HIST 015, or HIST 020.)

2. One course from the following:
   a) Fine Arts (Art; Art History; Creative Writing courses in poetry, fiction, or playwriting; Dance; Film and Visual Culture; Music; Theatre or from among courses within these disciplines as designated by the Executive Committee of the College of Humanities, Arts, and Social Sciences)
   b) Literature taken in the departments or programs in Comparative Literature and Foreign Languages, English, Film and Visual Culture, Hispanic Studies, or from among courses within these disciplines as designated by the Executive Committee of the College of Humanities, Arts, and Social Sciences
   c) Philosophy, taken in the Department of Philosophy, or from among courses within this discipline as designated by the Executive Committee of the College of Humanities, Arts, and Social Sciences
   d) Religious Studies, taken in the Department of Religious Studies, or from among courses within this discipline as designated by the Executive Committee of the College of Humanities, Arts, and Social Sciences

3. One additional course chosen from the following:
   a) History, the Fine Arts, Literature, Philosophy, Religious Studies
   b) A foreign language at level 3 or above
   c) Humanities courses offered by Ethnic Studies; Comparative Ancient Civilizations; Creative Writing (courses in journalism); Film and Visual Culture; Humanities, Arts, and Social Sciences; Latin American Studies; Linguistics; or Women’s Studies

No course used to satisfy the English Composition requirement will apply toward Humanities credit. No more than one course in performance may be counted toward the Humanities requirement.

**Social Sciences**

**For the B.A. degree:** 16 units

1. One course must be taken in the departments of Economics or Political Science or from among courses within these disciplines as designated by the Executive Committee of the College of Humanities, Arts, and Social Sciences

2. One course must be taken in the departments of Anthropology, Psychology, or Sociology, or from among courses within these disciplines as designated by the Executive Committee of the College of Humanities, Arts, and Social Sciences

3. Social Science courses offered by Ethnic Studies; Environmental Sciences; Geography (cultural geography courses); Human Development; Humanities, Arts, and Social Sciences; Women’s Studies; or one of the disciplines in (1) or (2) above

**For the B.S. degree:** 12 units

1. One course must be taken in the departments of Economics or Political Science or from among courses within these disciplines as designated by the Executive Committee of the College of Humanities, Arts, and Social Sciences

2. One course must be taken in the departments of Anthropology, Psychology, or Sociology, or from among courses within these disciplines as designated by the Executive Committee of the College of Humanities, Arts, and Social Sciences
3. Social Science courses offered by Ethnic Studies; Environmental Sciences; Geography (cultural geography courses); Human Development; Humanities, Arts, and Social Sciences; Women’s Studies; or one of the disciplines in (1) or (2) above.

Course work which may be taken to be used in partial satisfaction of the Humanities and the Social Sciences requirements must be evaluated by the college’s Student Affairs Office. The college’s Student Affairs Office, in consultation with the college Executive Committee, determines which courses apply to these requirements. It will implement this policy. It is the student’s responsibility to verify those courses which fulfill either the Humanities or the Social Sciences requirement, particularly the series of courses in cultural geography.

Ethnicity: 4 units

One course dealing with general concepts and issues in the study of race and ethnicity in California and the United States. Courses that satisfy this requirement must concentrate on one or more of four principal minority groups (African American, Asian American, Chicano/Latino, and Native American). These courses must be comparative in nature, analyzing the minority group experience within the present and historical context of other racial and ethnic groups, such as European-American minorities. The courses are to be offered by or cross-listed with the Department of Ethnic Studies.

Regardless of the student’s college and major, the course may be counted toward the Humanities or the Social Sciences graduation requirements, depending upon the course’s content as evaluated by the Committee on Educational Policy. Check with the college’s Student Affairs Office for the courses that fulfill the Ethnicity requirement.

Foreign Language

For the B.A. degree: 16 units

This requirement may be fulfilled in one language by completing course 4 with a minimum grade of “C” or demonstrating equivalent proficiency; or by completing course 2 with a minimum grade of “C” in each of the two languages; or by demonstrating equivalent proficiency (level 2) in each of two languages. American Sign Language may also be used to satisfy this requirement. Biology majors must complete four quarters of one language. Students who are pursuing a B.A. degree and who have not completed a foreign language course may enroll in a level-1 foreign language course. However, students must take a placement exam if they plan to take a course in the same foreign language that they studied in high school. The placement exam may be taken only once in each subject during a student’s UCR career. Transfer students who have taken a college-level foreign language course should consult with an advisor.

Natural Sciences and Mathematics: 20 units

1. One course in Mathematics, Statistics, or Computer Science
2. One course in Biological Sciences (Biochemistry, Biology, Botany and Plant Sciences, Entomology, Nematology, or Plant Pathology); the course must include a laboratory
3. One course in Physical Sciences (Chemistry, Physics, Earth Sciences, excluding cultural geography courses)
4. Two additional courses from areas (2) or (3) above or in physical and/or biological science courses offered in the Department of Environmental Sciences

This requirement may automatically be satisfied by lower-division requirements for the major.

Additional Courses: 16 units

For the B.S. degree:

An additional 16 units of substantive course work in the student’s chosen major or fields related to the major is required. The additional course work is specified by the major department.

Major Requirements

Detailed requirements for each major are found under the department listings in the Curricula and Courses section of this catalog.

A major in the College of Natural and Agricultural Sciences shall consist of not fewer than 36 nor more than 60 upper-division units. No more than 9 units of courses in the 190-199 series may be counted in fulfilling the upper-division units needed for the major.

By the beginning of the junior year, students need to consult with their advisor and choose a major. A GPA of at least 2.00 (C) in the upper-division courses taken in the major field is required for graduation.

Life Sciences Core Curriculum

A lower-division core curriculum in the Biological Sciences prepares students for any upper-division major in the Biological Sciences. All students who are life sciences majors (Biochemistry, Biology, Biological Sciences, Biomedical Sciences, Botany and Plant Sciences, Conservation Biology, Entomology, and Neuroscience) will complete a uniform core curriculum prior to advancing to upper-division cours-
es. The curriculum is Introductory Biology (1 year), General Chemistry (1 year), Organic Chemistry (1 year), Calculus (2 quarters), Physics including laboratory (1 year), Statistics (1 quarter), and Introductory Biochemistry (1 quarter). No more than 12 units of upper-division life sciences courses not being used to satisfy the core may be taken prior to completion of the core.

**College Policies and Procedures**

For detailed information on UCR policies and regulations see the Academic Regulations section of this catalog.

**College Regulations**

Detailed information and specifics with regard to the college regulations governing undergraduate student status as approved by the faculty and contained in the Manual of the Riverside Division of the Academic Senate may be obtained from a faculty advisor or the college’s Student Affairs Office.

**Student Responsibility**

Students are responsible for meeting deadline dates regarding enrollment, add/drop, change of grading basis, credit by examination, withdrawal, declaration of candidacy, and other actions. The deadline dates are in the Schedule of Classes and must be observed. Advising can be obtained in the college’s Student Affairs Office, 1140 Batchelor Hall.

**Academic Integrity**

Academic integrity is at the heart of values fundamental to the pursuit of knowledge. The university community-faculty and students alike-places a high value on individual accomplishment with integrity. For these reasons faculty believe that most students maintain high standards of academic integrity. However, occasional incidents of academic dishonesty occur at UCR. Sometimes, these acts occur out of student ignorance of what constitutes an academically dishonest act. When this happens, a student who is accused of cheating may deny the accusation, claiming that he or she did not know the act was not allowed. Nonetheless, academic dishonesty of any kind is antithetical to the purpose and mission of the entire university.

The following statements are intended to clarify what constitutes an academically dishonest act. Faculty in the College of Natural and Agricultural Sciences may refer to these definitions in their courses so that students will know which activities are not tolerated. Students are responsible for knowing that these activities are academically dishonest and that there are consequences for participation in these actions.

See the current Schedule of Classes for the official notice to students regarding University of California Policies Applying to Campus Activities, Organizations, and Students and campus regulations, sections 102.01, 102.24, and 105.01, for more information about grading procedures governing academic dishonesty, and other consequences.

**Academic Dishonesty Defined**

**Cheating**

It is cheating to copy from another student’s examination, quiz, laboratory work, or homework assignment. The use of pre-prepared notes or other resources, in any form, during an examination, unless such use is expressly authorized by the instructor, also constitutes cheating. If a student knowingly allows someone else to copy from his or her homework, laboratory work, quiz, or examination, he or she is in violation of section 102.01 of the policies. Revising a work after its final evaluation and representing the revised version as being the original work is cheating. Forging or otherwise unauthorized changing of an earned grade also is academically dishonest. Any form of interfering with another student’s academic work is a form of cheating. When one student arranges for another student to take an examination using the first student’s identification, that also constitutes cheating. In this last instance, both parties are liable. Unauthorized acquisition of an examination prior to the exam date is cheating.

**Plagiarism**

is the act of stealing and passing off as one’s own the ideas or words of another. The instructor will pay attention not to whether the student meant to plagiarize but whether plagiarism did occur. Additionally, submitting the same paper twice or fulfilling the requirements of two subjects with one paper is academically dishonest. Students may use the ideas and words from other sources, but must document their use with citations, usually in the form of footnotes, endnotes, or textnotes. By citing sources, students indicate the extent of their research, thereby improving the paper.

**Manufacture of data**

It is academically dishonest to manufacture or deliberately alter data submitted in connection with laboratory reports, term papers, or written material. Not only is this practice dishonest, it undermines the entire academic and scholarly process.

**Unauthorized Collaboration**

occurs when a student works with other students to do lab work, review books or develop a presentation or report. Students must receive clear permission from the instructor to participate in collaborations. Unless otherwise authorized, lab work done in pairs or groups is collaborative only up to and including the data collection part. All data must be analyzed and written up individually. All members of a pair or group must be present when the data is collected. A student not in the lab who copies someone else’s lab data and then writes the lab up on the basis of the copied data is cheating, as is the student who makes the data available outside the lab to copy. Unauthorized collaboration is an example of an academically dishonest act. What one instructor may view as collaboration may be seen as cheating by another. The important thing to note is that if the limits of collaboration are not clear, it is the student’s responsibility to ask the instructor for specific direction.
Faculty Advisors
All students who declare a major upon entrance to the College of Natural and Agricultural Sciences are assigned to a department granting the degree for that major or area of specialization. New students should report to their major department for assignment of faculty advisors. Students in one of three undeclared options in the college are advised in the college’s Student Affairs Office.

Students should keep in touch with their advisor on all academic matters, including choice of courses, consideration of a major, and requirements for graduation. Before consulting the advisor, students should formulate a tentative program according to their interests and needs and should be familiar with general university, college, and major requirements.

It is important that each student keep in mind that the advisor serves as a mentor, but does not administer the student’s program. Students must be responsible for ensuring that they meet all requirements for graduation.

General curriculum counseling can also be obtained in the college’s Student Affairs Office, 1140 Batchelor Hall.

Course Enrollment
Before each quarter, students advance enroll in all courses they plan to take. Every student’s course schedule must be approved by the student’s academic advisor, or for students in the three undeclared options, the college’s Student Affairs Office. Students are expected to register and enroll by the date set by the campus (see the Schedule of Classes for details).

Since the college expects all students to make regular progress toward their degrees, class schedules of less than 12 units must be approved by the associate dean. Repeated courses are considered part of the total unit load.

Students on probation may not register for more than 13 units in a quarter without consent of the associate dean. No student may enroll in less than 8 units (two classes).

With the approval of their faculty advisor and the course instructor, students may add courses to their class schedule up to the end of the third week of classes. With the approval of their advisor and after consulting with the instructor of the course, students may, without penalty, drop a course up to the end of the fifth week or change grading basis up to the end of the eighth week. Students who drop a course after the third week receive a “W” on the transcript.

Enrollment on a Satisfactory/No Credit Basis
Students in this college who are not on probation may take nonmajor courses on an S/NC basis and other courses graded only on an S/NC basis, provided they do not exceed one third of the total units undertaken and passed (graded “S”) on the UCR campus at the time the degree is awarded.

Lower-division mathematics or science courses that are prerequisites to major courses cannot be taken on an S/NC basis.

A student may elect “S/NC” or delete “S/NC” from a course during the online and telephone registration period, or later in the quarter by filing a petition (Add/Drop form) with the Registrar. The deadline is the end of the eighth week of instruction and is listed each quarter in the Schedule of Classes.

Regulations governing the S/NC option are described under Credit and Grades in the Academic Regulations section of this catalog.

Credit by Examination
A student may petition for the privilege of examination for degree credit without formal enrollment in a particular course, but must be in residence and not on academic probation. Arrangements for examination for degree credit must be made with the student’s faculty advisor. Approvals of the faculty advisor, the associate dean of the college, and the instructor who is agreeing to give the examination are necessary before the examination may be given. The results of all examinations for degree credit are entered on the student’s record as though the student had actually taken the courses of instruction.

Progress Toward the Degree
At the close of each quarter, the courses, units, grades, and grade points earned are added to the student’s cumulative university record. This record summarizes progress toward a degree. Lack of adequate progress may jeopardize continued registration.

Declaration of Candidacy
A degree audit of remaining requirements for graduation should be requested at the college’s Student Affairs Office three quarters before the expected date of graduation. If it is necessary to amend the prospective date of graduation during the quarter in which graduation is expected, the student must notify the college’s Student Affairs Office, in writing, as soon as possible. Applications for graduation are available in the college’s Student Affairs Office and must be filed in the Student Affairs Office by the deadline established for the quarter in which graduation is expected. The deadline for filing applications for graduation is printed in the Schedule of Classes each quarter.

Applications are not accepted after the deadline established for the quarter in which the student intends to
graduate. If for any reason the student does not meet the requirements for graduation after announcing candidacy, or fails to meet the deadline for filing, a new application must be filed for the subsequent quarter.

Students graduating in absentia after an absence of one or more quarters must apply for readmission to the university and file an Application for Graduation with the Office of the Registrar.

Preprofessional Academic Preparation

Undergraduate academic preparation for several professional careers can be acquired in the College of Natural and Agricultural Sciences. Brief explanations of preprofessional academic programs follow.

Forestry Freshmen at UCR who plan to transfer after their sophomore year to UC Berkeley’s College of Natural Resources, forestry program, should enroll in UCR’s Department of Botany and Plant Sciences. Interested students should consult the UC Berkeley General Catalog and contact Berkeley’s College of Natural Resources for advising. Assistance is also available from the College of Natural and Agricultural Sciences’ Student Affairs Office at UCR.

Medical Technology Training for Clinical Laboratory Scientist Prospective licensed clinical laboratory scientists should obtain a bachelor’s degree in either biochemistry or biology. Students must apply independently to any of the state-approved programs in clinical laboratory science offered at various universities and hospitals. Following successful completion of this training, and testing by the state of California, the student is eligible to become a licensed clinical laboratory scientist. Prerequisites for entry change periodically, so interested students should obtain current information from the Health Professions Advising Office at 1114 Pierce Hall or from cnas.ucr.edu/~health. The state Department of Health also provides information on careers in this field.

Medicine and Dentistry Although the specific requirements of all medical and dental schools cannot be listed here, the general requirements are discussed below to indicate the various preprofessional programs available at UCR.

More than 90 percent of the students admitted to medical schools in the United States have attained the B.A. or the B.S. degree, and a large percentage of those admitted to dental schools have three or more years of undergraduate work.

Leaders in medical and dental education urge prospective students to arrange their programs to obtain a broad general education, since the subject matter of the humanities and social sciences is not offered by the professional schools. It is recommended that students preparing to seek admission to medical or dental school obtain a bachelor’s degree, to which all of UCR’s preprofessional programs lead.

A student may satisfy the requirements for admission to medical or dental school in one of the following ways:

1. Completing the Biology major
2. Completing the Biochemistry major with a Biology emphasis
3. Completing the major in Chemistry
4. Majoring in any department, but fulfilling concurrently the specific course requirements of medical or dental schools

Most medical and dental schools recommend that the courses shown below be taken in a preprofessional degree program. These courses should include laboratories.

<table>
<thead>
<tr>
<th>Course Work for Medicine and Dentistry</th>
<th>Years</th>
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<tbody>
<tr>
<td>General chemistry</td>
<td>1</td>
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<tr>
<td>Organic chemistry</td>
<td>1</td>
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<tr>
<td>Physics</td>
<td>1</td>
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<tr>
<td>General biology</td>
<td>1</td>
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<tr>
<td>Upper-division biochemistry</td>
<td></td>
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<tr>
<td>Upper-division genetics</td>
<td></td>
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<tr>
<td>Mathematics through integral calculus</td>
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<tr>
<td>Psychology</td>
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</table>

Other Health Professions In addition to those described above, UCR offers the preprofessional requirement for entrance to other health professional schools, including optometry, pharmacy, podiatry, nursing, physical therapy, and dental hygiene, among others. Information about these can be obtained from the Health Professions Advising Office (visit 1114 Pierce Hall or cnas.ucr.edu/~health) or Career Office (Veitch Student Center).

Teaching The California Commission on Teacher Credentialing has established guidelines and standards that prepare students for teaching credentials. For a description of how students can prepare for the multiple-subject (elementary) and single subject (secondary) credentials, please refer to individual departments in the Curricula and Courses section of this catalog.

Martin Kennedy, Assistant Professor of Earth Sciences, found through research in Chile that acid rain may pose a far graver threat to forests than was previously estimated.

Photo by Michael Brown
After earning the bachelor’s degree, the prospective teacher registers for an additional year of training in education theory and practice needed to obtain a teaching credential. Anyone considering obtaining a teaching credential should attend one of the credential information seminars offered by the Teacher Education Services Office, 1124 Sproul Hall, and consult with an advisor early in the planning of an academic program.

The Bridge to Teaching Program is a pre-professional program open to undergraduates from all majors who are interested in teaching in California elementary schools. Students fulfill the subject requirement for the California elementary-school teaching credential by taking certain courses, thus waiving the requirement to take the Multiple Subjects Assessment for Teachers test. Interested students should contact the Liberal Studies and Interdisciplinary Programs office, (909) 787-2743, as early as possible in their academic career, as the required courses must be completed before finishing the bachelor’s degree.

Veterinary Medicine: The course work at UCR is designed to prepare students to meet the requirements for admission to California’s veterinary programs, the School of Veterinary Medicine at UC Davis, and the Western University of Health Sciences in Pomona. Students should consult the Health Professions Advising Office (visit 1114 Pierce Hall or cnas.ucr.edu/~health), the UC Davis General Catalog, or the Western University Web site westernu.edu/vetmed/admissions.htm, for additional details.

THE MARLAN AND ROSEMARY BOURNS COLLEGE OF ENGINEERING

Student Affairs
A159 Bourns Hall
University of California, Riverside
Riverside, CA 92521-0144
(909) 787-5651; engr.ucr.edu

The Marlan and Rosemary Bourns College of Engineering emphasizes fundamental disciplines of engineering and computer science, introducing students to the new technologies necessary for today’s highly technical environments.

The vision of the College of Engineering is to become a nationally recognized leader in engineering research and education. Its mission is to

- Produce engineers with the educational foundation and the adaptive skills necessary to serve rapidly evolving technology industries
- Conduct nationally recognized engineering research focused on providing a technical edge for the United States
- Contribute to knowledge in both fundamental and applied areas of engineering
- Provide diverse curricula that will instill in our students the imagination, talents, creativity, and skills necessary for the varied and rapidly changing requirements of modern life and to enable them to serve in a wide variety of other fields that require leadership, teamwork, decision making, and problem-solving capabilities
- Be a catalyst for industrial growth in the Inland Empire region of Southern California

The majors offered by the college are based on the needs of the practicing professional and are founded on a solid core of mathematics and the sciences. Breadth in the educational experience is represented by requirements in the Arts, Humanities, and Social Sciences as well as by emphasis on oral and written communication skills. The principles and practice of engineering and computer science are provided in lecture and related laboratory courses. All students are required to choose a set of technical electives, emphasizing synthesis and design, to complete their undergraduate programs.

Majors

A major is a coordinated group of upper-division courses (courses numbered 100–199) in a field of specialization. The major may be a group of upper-division courses within a single department or program, or a group of related courses from several departments or programs. Before enrolling in upper-division courses, students must be required to gain appropriate knowledge by completing specific prerequisite courses. With the assistance of a departmental advisor, students are expected to select lower-division courses which prepare them for the advanced studies they propose to follow.

Change of Major or Double Majors

A student in good standing may elect to take a second major within the college. The student must file a declaration of a second major in the dean’s office. A course used to satisfy the requirements for one major may be used to fulfill the requirements of

<table>
<thead>
<tr>
<th>College of Engineering Undergraduate Majors and Options</th>
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<tbody>
<tr>
<td><strong>Major</strong></td>
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<tr>
<td>Chemical Engineering</td>
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<tr>
<td>Biochemistry Option</td>
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<td>Chemistry Option</td>
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<td>Computer Engineering</td>
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<td>Computer Science</td>
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<td>Electrical Engineering</td>
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<tr>
<td>Environmental Engineering</td>
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<tr>
<td>Information Systems†</td>
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<tr>
<td>Mechanical Engineering</td>
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</tbody>
</table>

†Joint with the A. Gary Anderson Graduate School of Management
a second major as well. However, of the required upper-division units, a minimum of 24 must be unique to each major.

A student registered in the college and in good standing may elect a second major in another college. A declaration of such a second major must be signed by the deans of both colleges and filed by the student with the primary college. A student will meet requirements of both primary and secondary majors and the college requirements of the primary major, if they are both in the same baccalaureate class. If the two majors lead to different degree designations (B.S. and B.A.), that fact will be noted on the transcript, but only one diploma indicating both degree designations will be issued upon successful completion of such a double major program. Furthermore, if the double major is a mixed B.S./B.A., the college requirements of both majors must be met. A course used to satisfy the requirements for one major may be used to fulfill the requirements for a second major as well. However, of the required upper-division units, a minimum of 24 must be unique to each major.

A student who has declared a double major may graduate in one major upon the completion of all requirements for that major but may not continue in the university for completion of the second major. A student in good standing may request transfer from one major to another by filing a petition of change with the dean’s office.

Minors
The College of Engineering currently has a minor in Computer Science. Minors in the college shall consist of not fewer than 20 nor more than 28 units of organized upper-division courses. No more than 4 units of 190–199 courses may be used in fulfilling the upper-division unit requirement for a minor. Overlap may occur between the upper-division course requirements of the major and the minor only to the extent permitted by the department, programs, or interdisciplinary committee offering the minor, or the college of the minor. Courses used, or prerequisite to those used, in fulfilling the minor may be taken on a Satisfactory/No Credit basis only on approval of the dean. The department, program, or interdisciplinary committee offering the minor is responsible for student and administrative issues pertaining to the minor. Students must file a declaration of a minor at least two quarters before graduation and must be in good academic standing at the time of filing. A minor requires the signature of the department chair or chair of the faculty committee which supervises the minor and the signature of the dean of the college. A GPA of at least 2.0 in upper-division courses in the field of the minor is a graduation requirement. When all other requirements for graduation have been met, the student will be graduated without the minor if the minimum GPA in the minor field has not been met.

MESA Engineering Program
The Mathematics, Engineering and Science Achievement (MESA) Engineering Program (MEP) is an academic program utilizing collaborative learning, enrichment services, and community building. It is an effective intervention for eliminating primary institutional barriers to the educational success of historically underrepresented students in engineering. MEP works in coordination with the statewide MESA organization, campus administration, faculty of the college, the community, and industry. All students in the college are invited to join. Participation from women, African Americans, Chicano/Latino, and Native American students is particularly encouraged. For more information, call (909) 787-6379.

University Honors Program
For a description of the University Honors Program, see Supplementary Education Programs in the front of this catalog. For a listing of requirements and courses, refer to University Honors Program in the Curricula and Courses section of this catalog.

Freshmen Discovery Seminars
Freshmen Discovery Seminars are designed to introduce students to a wide variety of topics and current issues that UCR faculty explore. For engineering and computer science, each quarter’s offerings are listed in the Schedule of Classes under ENGR 092. Topics vary from quarter to quarter. The current quarter’s offerings may be found at discoveryseminars.ucr.edu.

The seminars have no prerequisites, and freshmen are given enrollment priority, although sophomores may enroll with instructor’s consent, if space is available.

Each seminar is limited to 20 students, to encourage discussion. Students may enroll in a seminar offered by any of the UCR colleges (ENGR 092, NASC 092, or HASS 092), regardless of their major. Each seminar carries 1 unit of academic credit, although units are not applied toward major requirements. The seminars are graded on a Satisfactory/No Credit basis.

Admission to Majors
Admission of Freshmen
Prospective College of Engineering students must complete high school programs that meet University of California requirements as described in the Undergraduate Admission section of this catalog.

In addition, appropriate high school mathematics and science course work should include the following.
A supplemental screening process is used for majors in the College of Engineering which places emphasis on the grade point average earned in college preparatory course work, especially mathematics and science, and on the aptitude test scores. Qualification for first-year calculus is also expected. Students otherwise admissible to the university, but not qualifying for a College of Engineering major, are offered an alternate major.

Application should be made during the priority filing period (November 1–30, 2002) to be considered for Fall 2003.

Transfer Students
All transfer students must meet the University of California requirements for admission as described in the Undergraduate Admission section of this catalog. A supplemental screening process is used for majors in the College of Engineering, which places emphasis on both the GPA earned in mathematics and science course work, as well as the course work itself.

The Intersegmental General Education Transfer Curriculum (IGETC) does not meet transfer requirements for engineering majors and is not recommended for other majors in the college, as it does not provide an adequate mathematics or science background. It is not accepted in lieu of the college’s breadth requirements.

Students intending to transfer to engineering majors are expected to complete the equivalent of UCR course work required in the first two years of the programs and to apply for transfer starting with their junior year. Applications to engineering majors are accepted only for fall quarter and should be submitted during the priority filing period noted above. Specific information on transfer requirements may be obtained from the Office of Student Affairs, (909) 787-5651.

Financial Assistance
The College of Engineering awards several scholarships to its students each year from funds provided by corporate and private sponsors. Other scholarships are available. Further information may be obtained by calling the Office of Student Affairs, (909) 787-5651.

Special Facilities
See Additional Research Resources in the section About UC Riverside in this catalog for a detailed description of the following centers:

- Center for Environmental Research and Technology
- Center for Nanoscale Science and Engineering
- Center for Research in Intelligent Systems (including the Visualization and Intelligent Systems Laboratory)

Degree Requirements
Students in the College of Engineering must meet three levels of requirements for the Bachelor of Science degree: general university requirements, college requirements, and major requirements.

General University Requirements
General university requirements are listed at the beginning of the Undergraduate Studies section. For other UCR regulations including repetition of courses, concurrent enrollment, scholarship regulations, and incomplete (I) grades, see the Academic Regulations section of this catalog.

In addition to the above general university requirements, The Marlan and Rosemary Bourns College of Engineering has the following unit requirement.

Unit Requirement Some of the majors in this college require more than the nominal university requirement of 180 units for graduation. No more than 6 units of physical education activity may be counted toward this requirement. However, after having credit for 216 units, a student is not permitted to continue except by approval of the dean when specific academic or professional reasons are involved.
College Breadth Requirements

The Executive Committee of The Marlan and Rosemary Bourns College of Engineering, in consultation with the faculty, is responsible for determining which courses may be used to satisfy these requirements. Detailed requirements are available in the Office of Student Affairs.

Internships and independent study courses may not be used to satisfy breadth requirements. For the following requirements, a course is defined as a block of instruction that carries credit of 4 or more units.

Courses used to fulfill the college requirements must be selected from an approved list available in the college Office of Student Affairs. To provide depth in satisfying breadth in the Humanities and Social Sciences, courses must meet the following criteria:

1. At least two of the Humanities and/or Social Science courses must be upper-division.
2. At least two courses must be from the same subject area (for example, two courses in History), with at least one of the two being an upper-division course.

English Composition

Students must demonstrate adequate proficiency in English Composition by completing a one-year sequence of college-level instruction in English Composition with an average grade of "C" or better and no grade lower than "C-". UCR's sequence is ENGL 001A, ENGL 001B, and either ENGL 001C or ENGL 01SC. Transfer students who have credit for one semester of English Composition from another institution are required to take two additional quarters (i.e., ENGL 001B and either ENGL 001C or ENGL 01SC). Students have the option of using a score of 3 on the College Board Advanced Placement Test in English to satisfy ENGL 001A; they must complete ENGL 001B and either ENGL 001C or ENGL 01SC. Students with a score of 4 or 5 on the College Board Advanced Placement Test in English have satisfied ENGL 001A and ENGL 001B; they must complete ENGL 001C or ENGL 01SC.

Students with an overall GPA under "C" in the ENGL 001A, ENGL 001B, and ENGL 001C or ENGL 01SC sequence are required to repeat composition courses as necessary in order to meet the required "C" average minimum. It may be necessary to repeat one or more of ENGL 001A, ENGL 001B, and ENGL 001C or ENGL 01SC courses in which a grade of "C-" was earned in order to fulfill the three-quarter English Composition average of "C" or better. However, courses with a grade of "C-" cannot be repeated for credit to alter the transcript grade point average.

Students should enroll in an English composition course each quarter they are registered at UCR until the sequence of preliminary Basic Writing courses, if needed, and ENGL 001A, ENGL 001B, and ENGL 001C or ENGL 01SC is completed with a satisfactory GPA. A student may not receive baccalaureate credit for any work in English Composition taken prior to completing the Subject A requirement.

Humanities: 12 units

1. One course in World History
2. One course in one of the areas of Fine Arts, Literature, Philosophy, or Religious Studies
3. One additional course chosen from
   a) History, Fine Arts, Literature, Philosophy, Religious Studies
   b) A foreign language at level 3 or above
   c) Humanities courses offered by Ethnic Studies, Creative Writing (courses in journalism), Humanities and Social Sciences, Latin American Studies, Linguistics, or Women's Studies

No course used to satisfy the English Composition requirement can be applied toward Humanities credit. Lists of approved courses are available in the Office of Student Affairs.

Social Sciences: 12 units

1. One course from Economics or Political Science
2. One course from Anthropology, Psychology, or Sociology
3. One additional social science course offered by Ethnic Studies, Geography (cultural geography courses), Human Development, or Women's Studies, or one of the disciplines in (1) or (2) above.

To provide depth in satisfying breadth in the humanities and social sciences, at least two of the courses must be upper-division, and at least two courses, one of them upper-division, must be from the same subject area. Refer to the approved course lists available in the Office of Student Affairs.

Ethnicity: 4 units

One course dealing with general concepts and issues in the study of race and ethnicity in California and the United States. Courses that satisfy this requirement must concentrate on one or more of four principal minority groups (African American, Asian American, Chicano/Latino, and Native American). These courses must be comparative in nature, analyzing the minority group experience within the present and historical context of other racial and ethnic groups, such as European-American minorities. The courses are to be offered by or cross-listed with the Department of Ethnic Studies.
Natural Sciences and Mathematics: 20 units

1. One course in biological sciences
2. One course in physical sciences. No course in cultural geography may be used.
3. One course in mathematics or computer science or statistics
4. Two additional courses in the biological or physical sciences

Check with the Office of Student Affairs for the courses that fulfill the biological sciences, physical sciences, and additional sciences. In some cases, these are satisfied by requirements of the major. The mathematics/computer science/statistics requirement is always satisfied by a major requirement.

Major Requirements

Detailed requirements for each major are found under the department listings in the Curricula and Courses section of this catalog, and are available from the Office of Student Affairs, (909) 787-5651. A GPA of at least 2.00 (“C”) in upper-division courses taken in the major field is required for graduation. Not more than 9 units of courses in the 190-199 series may be counted in fulfilling the upper-division units needed for the major.

College Policies and Procedures

For detailed information on UCR policies and regulations see the Academic Regulations section of this catalog.

College Regulations

Detailed information and specifics with regard to the college regulations governing undergraduate student status as approved by the faculty and contained in the Manual of the Riverside Division of the Academic Senate can be obtained from the Dean’s Office.

Student Responsibility

Students are responsible for meeting deadline dates regarding enrollment, add/drop, change of grading basis, credit by examination, withdrawal, declaration of candidacy, and so forth. The dates are in the Schedule of Classes and must be observed. Advising can be obtained in the Office of Student Affairs.

Faculty Advisors

All College of Engineering students are advised on a regular basis. In addition, each department designates a faculty undergraduate advisor who is the primary contact in the students’ areas of academic interest. Faculty advisors assist students in their undergraduate careers, as appropriate, and are also mentors in students’ areas of interest. Students, however, are responsible for ensuring that they meet all requirements for graduation.

Course Enrollment

In consultation with an advisor, every student is required each quarter to plan a detailed class schedule. Class schedules of fewer than 12 units must have the approval of the dean of the college.

Students who have not met the Subject A requirement are required to enroll in a Basic Writing or qualifier course during their first quarter of residency.

Up to the end of the third week of classes, students may, with the consent of the instructor and the approval of their advisor, add a course. Prior to the end of the fifth week of instruction, students may, with the approval of an advisor and after consultation with the instructor of the course, drop a course without penalty.

A student on probation may enroll for more than 13 quarter units only with the consent of the dean of the college.

With the approval of the dean, students may withdraw from the university at any time prior to the end of instruction.

Any changes in a student’s class schedule not covered by the above regulations must have the approval of the dean.

Enrollment on a Satisfactory/No Credit Basis

A student in good standing may enroll and receive credit for courses graded “S.” However, the S/NC grading system cannot be used for any course that is used to fulfill major or breadth requirements, except for any required course which is restricted to S/NC grading and up to 8 units of courses in the Humanities and Social Sciences. Exceptions to this policy may be granted, upon petition, by the student’s advisor and the Executive Committee.

Students may change their grading basis in a course from letter grading to “S/NC” (or vice versa) up to the end of the eighth week of instruction.

Regulations governing the S/NC option are described under Credit and Grades in the Academic Regulations section of this catalog.
Credit by Examination
A student may petition for the privilege of examination for degree credit without formal enrollment in a particular course, but must be in residence and not on academic probation. Arrangements for examination for degree credit must be made with the student’s advisor. Approvals of the advisor, the dean of the college, and the instructor who is agreeing to give the examination are necessary before the examination may be given. The results of all examinations for degree credit are entered on the student’s record as if the student had actually taken the courses of instruction.

Progress Toward the Degree
At the close of each quarter, the courses, units, grades, and grade points earned are added to the student’s cumulative university record. This record summarizes progress toward a degree. Lack of adequate progress may jeopardize continued registration. Students may access their advisory degree check electronically at any time (subject to computer system availability) as long as they are enrolled in a declared major in the college.

Declaration of Candidacy
Applications for graduation are available in the Office of Student Affairs and must be filed by the deadline established for the quarter in which graduation is intended. The deadline for filing applications for graduation is printed in the Schedule of Classes each quarter. Applications are not accepted after the deadline established for the quarter. If for any reason a student does not meet the requirements for graduation after announcing candidacy, or if a student fails to meet the deadline for filing, an application must be filed for a subsequent quarter.

Re-entry student Sharon Watson (left) shows off her guide dog, Hero. Sharon attended school with the aid of four scholarships and graduated with a 4.0 GPA.

Photos by Michael J. Elderman
Graduate students at UCR are an essential part of the university’s distinguished research teams and full partners in the undergraduate teaching mission of the faculty. Founded as a research institution in 1907, Riverside is the oldest of the University of California’s southern campuses. UCR combines the intellectual and material resources of the UC system with a uniquely intimate research environment, fostering a type of frequent and high-powered faculty-student contact unavailable at other universities.

Graduate degrees at UCR are research degrees, certifying that students are trained in the techniques of independent inquiry and have demonstrated the capacity to make unique contributions to their fields. Occupying a distinctive niche in disciplines ranging from chemistry to dance history, nematology to economics, UCR offers graduate programs leading to the degrees of doctor of philosophy, master of arts, master of education, master of fine arts, master of science, and master of business administration.

ADMINISTRATION

Campus policies concerning graduate education are set by the Graduate Council, a committee of the Academic Senate, and carried out by the Graduate Division staff under the direction of the Graduate Dean.

In addition, each program has a graduate advisor appointed by the Graduate Dean. Advisors assist students in program planning and completing degree requirements and write a yearly evaluation of each student’s progress toward the degree. Students should make an effort to confer regularly with their graduate advisor.

Graduate Student Association

All graduate students are members of the Graduate Student Association (GSA), which seeks to represent their views and promote their interests with the faculty and administration, both at the campus level and universitywide. For a more detailed description of GSA activities and services, call (909) 787-3740. Further information can also be found under Graduate Student Association in the Student Services section of this catalog, or by E-mail to gsaucr@ucrcl.ucr.edu.

Application and Admission

The minimum requirement for admission to graduate status is the bachelor’s degree or its equivalent from an accredited institution.

Applying for Admission

Applicants should apply electronically at graddiv.ucr.edu.

In general, students who wish to be considered for fellowships, teaching or research assistantships, and other merit-based forms of support should contact departments directly. The application deadline for students seeking admission and fellowship awards is January 5. Since general application deadlines for the fall quarter may vary somewhat, applicants should not hesitate to contact departments directly for additional information. Campuswide application deadlines for domestic students are September 1 for the winter quarter, December 1 for the spring quarter, and May 1 for the fall quarter.

A nonrefundable $40 application fee must accompany all applications. The following must also be submitted:

1. Two copies of official transcripts from each college or university attended since high school
2. Three letters of recommendation
3. Graduate Record Examination (GRE) general test scores

Some programs also require the appropriate GRE subject test. GRE scores are not required for the Education credential programs, and the M.B.A. program requires the Graduate Management Admission Test (GMAT) in lieu of the GRE. Test scores should be no older than five years.

The admission process has as its prime objective the selection of those students most likely to complete their chosen graduate programs with distinction. After consultation between the program and the Graduate Division, the final authority to admit rests with the Graduate Dean.

Applicants are initially reviewed and rated based on their overall undergraduate and, where appropriate, postbaccalaureate GPAs. However, the evaluation process is intended to be flexible, and departments take a variety of other factors into consideration, including GRE or other test scores, GPA in the major subject, letters of recommendation, and the reputation of the degree-granting program or institution.

Soon after the department forwards its recommendation to the Graduate Division, the applicant is notified in writing of the Dean’s decision. If admission is offered with work still in progress, official tran-
scripts reflecting the satisfactory completion of this work and the awarding of the degree (where appropriate) must be submitted as soon as possible.

An offer of admission is valid for a specific quarter only. Accepted students who wish to be admitted for a subsequent quarter must reapply and, if additional course work has been completed, submit updated transcripts. Students are entitled to reapply once within one year without submitting a new application fee.

**International Student Admissions**

International students follow the same procedures and are governed by the same regulations as domestic applicants with the following important exceptions.

International applicants and permanent residents whose native language is not English must score a minimum of 550 on the written Test of English as a Foreign Language (TOEFL) and 213 on the computer-based version of the same exam. Applicants should arrange to take the examination in their home country by contacting the following:

Educational Testing Service  
P.O. Box 6151  
Princeton, NJ 08540-6151

The date of this test may be no more than two years from the intended quarter of admission.

International students must also complete a financial statement (provided with the application packet) and return it with the application. The university will be unable to issue a Certificate of Eligibility (I-20 or IAP 66) without evidence of the applicant’s ability to pay all fees and expenses for the duration of the program of study.

Application deadlines for international students are February 1 for the fall quarter, July 1 for the winter quarter, and October 1 for the spring quarter.

The International Services Center specializes in providing information and a broad range of services to international students and can be contacted at (909) 787-4113.

**Teaching Credential Programs**

Prospective applicants to teaching credential programs should contact the Graduate School of Education, (909) 787-5225 for admission information and application material or see Graduate School of Education later in this section of this catalog.

**DEGREES AND PROGRAMS**

UCR currently offers graduate programs leading to advanced degrees in the following areas:

**Ph.D. and M.A.** Anthropology, Classics, Comparative Literature, Dance History and Theory, Economics, Education, English, History, Mathematics, Philosophy, Physics, Political Science, Psychology, Sociology, Spanish

**Ph.D. and M.S.** Anthropology; Biochemistry and Molecular Biology; Biology; Cell, Molecular, and Developmental Biology; Chemical and Environmental Engineering; Chemistry; Computer Science; Electrical Engineering; Entomology; Environmental Sciences; Environmental Toxicology; Geological Sciences; Mathematics; Mechanical Engineering; Microbiology; Physics; Plant Pathology; Soil and Water Sciences

**Ph.D. only** Applied Statistics, Biomedical Sciences, Plant Biology, Plant Biology (Plant Genetics), Dance History and Theory, Genetics, Neuroscience

**M.A. only** Art History, History (Archival Management), History (Historic Preservation), History (Museum Curatorship), Music

**M.Education only**

**M.F.A. only** Dance, Creative Writing and Writing for the Performing Arts

**M.S. only** Botany, Mathematics (Applied), Plant Science, Statistics

**M.B.A. only** Management

The minimum requirements for master’s and doctor of philosophy degrees are outlined below. Academic departments and programs may impose further requirements, described in the Curricula and Courses section of this catalog. Additional information is available in brochures which can be obtained directly from departments and programs.

**Foreign Language Requirement**

Each program determines what, if any, knowledge of a foreign language or languages should be required of students pursuing graduate degrees. Proficiency in a foreign language may be demonstrated by (1) passing a written examination administered by the department or program or (2) successfully completing a course in the language at whatever level is specified by the program.

With the support of the program and the approval of the graduate dean, students may receive credit for foreign language examinations or course work completed not more than four years before being admitted to graduate study at UCR.
Standards of Scholarship

Only courses in which grades of “A,” “B,” “C,” or “S” are received may be counted toward satisfying graduate degree requirements. To continue in good standing and obtain an advanced degree, students must maintain a minimum GPA of 3.00. In addition, students must demonstrate acceptable progress toward their degree objectives. This entails the acceptable completion of all course work and other degree requirements in a timely fashion.

Students are considered to be making unacceptable progress and become subject to dismissal when
1. They have 12 or more units of “I” grades (incomplete course work) outstanding
2. The overall GPA falls below 3.00
3. The quarterly GPA falls below 3.00 for two consecutive quarters
4. They fail to fulfill program requirements such as examinations or research in a timely and satisfactory manner, or
5. They have not completed their programs within one year after reaching the normative time (discussed below).

Master’s Degree

The minimum academic residence in the University of California is three quarters, two of which must be spent at the Riverside campus.

Unless otherwise stated in the program description, the normative time required to complete the master’s degree is two years.

The master’s degree can generally be earned in one of two ways: by writing a thesis or by passing a comprehensive examination. Some programs offer only one of these options.

Both plans require a minimum of 36 quarter units of graduate or upper-division undergraduate work in the major subject or some other subject deemed relevant by the program faculty.

Plan I (Thesis) requires that at least 24 of the required units be in graduate-level courses taken at a campus of the University of California. Of these, only 12 may be in graduate research for the thesis (courses numbered 297 or 299). In addition to requiring an acceptable thesis, the department may require any examination that it feels necessary to confirm that the student has an appropriate knowledge of the discipline.

Plan II (Comprehensive Examination) requires that at least 18 units be in graduate-level courses taken at a University of California campus. None of these may be in courses numbered 297 or 299. Every candidate must take a comprehensive examination, the content of which is determined by the department or program.

Master’s students in residence and in good standing may earn course credit by examination. Consult the departmental graduate advisor for further details.

Advancement to Candidacy in Master’s Program

Students must file for advancement to candidacy no later than the third week of the quarter in which they expect to receive their degree, and their program may include work in progress at that time. The forms for advancement to candidacy are obtained from and filed in the Graduate Division after obtaining the graduate advisor’s approval. In the event of some unexpected delay, students have up to one year from the completion date of all course requirements to complete their remaining academic requirements.

Continuing from the Master’s to the Doctorate

Students who are enrolled in a master’s program may petition to pursue the doctorate in their field of study. To do so, they should file a Change in Degree Objective Form with the Graduate Division while they are enrolled. Approval by the department is not automatic; the department will determine whether or not each student has the academic potential to succeed in its Ph.D. program. This requirement for evaluating each student’s potential and academic fitness to proceed toward the Ph.D. is enforced regardless of what the student’s initial degree objective was at matriculation.

Doctoral Degree

The minimum academic residence for the Ph.D. is six quarters in the University of California, three of which must be spent in continuous residence at UCR.

The normative time required for the Ph.D. varies considerably and is given at the end of each program’s description in the Curricula and Courses section of this catalog. For the doctoral degree, normative time is defined as the period of full-time registration required to earn the degree, assuming that the student enters with a bachelor’s degree and is assigned no course deficiencies or other remedial work. For most UCR programs, this falls between five and seven years.

The doctorate, the highest degree the university can bestow, is a research degree, conferred on the recommendation of a doctoral committee, which is nominated in consultation with the student by the program faculty and confirmed by the Graduate Dean.
Because the Ph.D. is a research degree, the university gives programs considerable latitude in establishing degree requirements. The individual student’s program of study is planned in consultation with the graduate advisor, who supervises the student’s progress prior to the appointment of the doctoral committee. A doctoral program generally involves two stages.

The first stage is spent fulfilling the requirements established by the program or department and the Graduate Council, typically a series of courses culminating in written and oral qualifying examinations. When these are passed, the student is advanced to candidacy for the Ph.D.

The second, or in-candidacy stage, is devoted primarily to independent study and research and to the preparation of the dissertation. The doctoral dissertation must be an original work of research in the candidate’s chosen field of specialization. The doctoral committee determines the acceptability of the dissertation and may require that the student defend its contents in a final oral examination.

### SPECIAL PROGRAMS

#### Teaching Assistant Development Program

UCR has a long history as a distinguished teaching campus and regards teaching assistant (TA) training as a crucial part of graduate instruction. The Teaching Assistant Development Program (TADP) sponsors activities designed to help TAs develop their teaching skills and to prepare them to be successful professors. Activities include a fall orientation program, pre-quarter and in-quarter workshops for new TAs, videotaping of classroom presentations and expert feedback, end-of-term student evaluations, annual awards for outstanding TAs, and a mentor TA program, in which TAs of proven ability have the opportunity to mentor their less experienced colleagues.

#### Intercampus Exchange

The Intercampus Exchange Program (ICE) allows students to study for up to three quarters at another campus of the University of California. To be eligible, students must be in good standing with at least one quarter in residence at UCR and demonstrate at least one of the following: the need to take a course or courses not offered at UCR, the need to study with a particular individual, or the need for continuous access to library holdings or other facilities not available at UCR.

#### Education Abroad

The Education Abroad Program (EAP) provides students with the opportunity to study abroad at one of several study centers. To be eligible, students should have completed one year of graduate study, be making acceptable progress toward the degree, and know the language of the host country. Applications and information can be obtained from the International Services Center. Additional information can also be found in the Education Abroad Program sections of this catalog.

### FEES AND EXPENSES

See Fees and Expenses under the Finances and Registration section of this catalog for a list of estimated expenses and a schedule of mandatory quarterly fees. Deadlines for paying fees are published quarterly in the Schedule of Classes.

Many graduate students appointed as teaching assistants or graduate student researchers (GSRs) qualify for a partial remission of the educational fee. Nonresident tuition is paid for nonresident GSRs who are appointed 45 percent time for an academic term, are in a Ph.D. program, are not receiving any other form of support which pays the nonresident tuition, and who meet the eligibility requirements for the GSR title. Students should check with their departments for further information on these fee remissions.

All students who are considered nonresidents for tuition purposes and are advanced to candidacy for the Ph.D. as of the first day of the quarter, will receive a reduction of 75 percent of the nonresident tuition. Students are assessed 25 percent of the prevailing nonresident tuition fee on their student bills. Each student is eligible for a maximum of three calendar years. Time spent not registered (withdrawn, on leave, or filing fee status) will count toward the three-year total unless the Graduate Dean grants an exception. A student must be advanced by the first day of the academic term to qualify for that term.

All graduate students are assessed a quarterly fee (Graduate Student Health Insurance Plan—GSHIP) for a health insurance policy providing year-round and worldwide coverage. This insurance is designed to supplement outpatient care available to students through the Campus Health Center. This premium is paid for all teaching assistants, graduate student researchers, and readers/tutors employed 25 percent time (10 hours per week) or more. Students who can demonstrate to the Campus Health Center that they have comparable insurance from another source may obtain an exemption from the GSHIP premium. Deadlines for applying for the exemption are firm.

Information regarding Graduate Student Health Insurance benefits, claims, comparable coverage exemptions, and optional dependent coverage can be obtained from the Health Insurance Coordinator, Campus Health Center (909) 787-5683. More information about GSHIP remissions for teaching assistants and graduate student researchers is available from the Graduate Division, or a student’s academic program.
Students who have not established legal residency in California are subject to the payment of nonresident tuition. Regulations governing the determination of California residency are outlined in appendix A of this catalog.

The Deferred Payment Plan offers students an opportunity to pay their fees in three monthly installments. An application and fee must be submitted by the deadline set by the Student Business Services office. Students must apply each quarter. Applications can be obtained from the Student Business Services office, 2148 Hinderaker Hall, (909) 787-2346.

**FINANCIAL SUPPORT**

**Fellowships**

Fellowships are awarded on the basis of scholarly achievement and promise. Students apply to their prospective programs which then nominate the most qualified applicants. Recipients must maintain a full-time program of study or research each quarter, maintain a GPA of 3.50 or better, have no more than 7 units of “Incomplete” grades, be advanced to candidacy for the Ph.D. within 12 quarters after entry (unless the award letter specifies a different date), and be making acceptable progress toward their degrees. Fellowships are offered only to full-time students pursuing degrees. Thus, credential and nondegree objective students are not eligible for fellowships.

Fellowship applications are considered once a year, in the winter quarter, and awards are made for the following academic year. Applications for admission that include requests for fellowships should be completed and submitted by January 5 (earlier when specified by the program).

Fellowship holders may supplement their awards with employment, with the prior approval of the Graduate Dean. Supplementation levels vary with type and amount of fellowship award.

A Free Application for Federal Student Aid (FAFSA) or Renewal Application must be completed by all domestic graduate students and continuing international students who receive and accept any fellowship or grant from their department or from the Graduate Division. These awards are based on academic merit, but may be paid from a variety of funding sources, some of which require financial data. In order to use available resources to the maximum benefit of all graduate students, this information is required. It does not affect the amount of merit-based support awarded.

**Teaching and Research Assistantships**

Graduate students may be employed by the university on a part-time basis (not to exceed 50 percent time or 20 hours per week) during the academic year. Students who hold assistantships must register for and complete a full program of study or research and remain in good standing for the duration of their employment. Students are responsible for reviewing their course enrollment to ensure that they are enrolled in at least 12 units. They may not have more than 7 units of Incomplete grades and must be advanced to candidacy within 12 quarters after entry to the Ph.D. program.

For the academic year 2002-2003, 50 percent-time teaching assistantships provide a salary of $4,715 per quarter. TAs are appointed through their departments and must maintain a GPA of 3.25 or better and be making acceptable progress toward their degree. No one may serve as a TA for more than 18 quarters.

Any student whose native language is not English must pass a test of spoken English (SPEAK test) before performing TA duties.

For the 2002-2003 academic year, the salary for research assistantships at 49 percent-time ranges from $3,861 to $4,626 per quarter. Graduate student researchers (GSRs) can also be paid on a full-time basis for up to three months during the summer. To be appointed to and be retained as a GSR, students must maintain a GPA of 3.00 or better and be making acceptable progress toward the degree. GSR appointments are made through the department or program.

**Need-Based Aid**

All grant funding available to graduate students is administered through the Graduate Division. Students should contact their graduate department for more information. Federal Direct Stafford Loans and Federal Direct Unsubsidized Stafford Loans are available to graduate students through the Financial Aid Office. Students should contact the Financial Aid Office for a Free Application for Federal Student Aid if they want to be considered for these federal loan funds.

**Research Grants**

**Dissertation Research Grants** provide funds to doctoral candidates for research-related expenses associated with the dissertation. Applicants must be advanced to candidacy and plan to be registered during the period of the award. Proposals may be funded up to a maximum of $1,000. Applications are available at [www.graddiv.ucr.edu/finsuptoc.html](http://www.graddiv.ucr.edu/finsuptoc.html).

**Humanities Graduate Student Research Grants** provide funds to assist students doing original research or creative projects in the humanities or in interdisciplinary areas involving the humanities. Awards vary and are granted up to a maximum of $1,500. Applications are available at [www.graddiv.ucr.edu/finsuptoc.html](http://www.graddiv.ucr.edu/finsuptoc.html).
The Intercampus Research Opportunity Fund assists with travel, living expenses, and the research costs of doctoral candidates whose research or study requires the use of another campus' resources. Applicants must be advanced to candidacy. Applications are available in the Office of the Academic Senate.

Graduate Student Association Minigrants help to meet the financial needs of students who have been invited to present scholarly papers or posters at regional and national professional conferences. The program is administered by the Graduate Student Association and requires that departments agree to provide matching funds.

REGISTRATION, ENROLLMENT, AND TRANSFER OF CREDIT

Continuous Registration

Unless a leave of absence has been granted, students are expected to register for every academic quarter once their graduate studies begin. Students must either be registered or on filing fee status in the quarter in which the degree is actually awarded.

Filing Fee Status

Students who have completed all degree requirements except for filing their dissertations/theses or sitting for their master’s comprehensive examinations are eligible for filing fee status during the final quarter of residence. For students writing dissertations or theses, the student’s committee must have read and approved a draft of the manuscript, with only minor revisions needing to be made.

Students on filing fee status pay only one-half of the registration fee. Because filing fee status is tied to the registration fee, it can vary from quarter to quarter. The amount is $120 in Fall 2002. Only one quarter on filing fee status is allowed, unless a student fails the master’s comprehensive exam. Then a retake of the exam on filing fee status is allowed. Students who fail to complete their degree programs must register and pay full fees for the following quarter.

Leave of Absence

A leave of absence is intended to allow the temporary interruption of the student’s academic program. Leaves are granted for the following reasons:

1. Serious illness or other temporary disability
2. The need to concentrate on a job or occupation not directly related to the degree program
3. Family responsibilities

To be eligible for a leave of absence, students must have the approval of their graduate advisors, be in good standing, and have been enrolled for at least one quarter. Leaves are not normally granted for more than one year.

Since students on leave do not pay fees, they may not use university facilities or make demands on faculty time. Students on leave are ineligible for fellowships, research grants, and financial aid. Appointment as a graduate student researcher or teaching assistant, or any other appointment requiring full-time enrollment, is not possible. Nor can students on leave take qualifying examinations or receive credit for academic work done during the leave period.

In Absentia Registration

Students pursuing graduate study or research outside the state of California for an entire quarter may register in absentia and receive a 50 percent reduction in the registration fee. There is no reduction in the educational fee or other applicable fees. Refer to the Finances and Registration section of this catalog for a schedule of fees. In absentia registrants will normally be advanced to candidacy for the doctorate or be writing a master’s thesis.

Withdrawal

Students who withdraw — for whatever reason — during the first five weeks of a quarter are entitled to a partial refund of fees. The amount of the refund is determined by the number of calendar days elapsed between the first day of instruction and the date on which a withdrawal form is filed with the Graduate Division. See the Schedule of Refunds in the Finances and Registration section of this catalog. Students who have applied for the Deferred Payment Plan are considered registered students and are held to the same refund schedule.

Students who are unable to file the necessary paperwork due to illness or emergency should call the Graduate Division at (909) 787-3315.

Lapse of Candidacy

Candidacy for the degree may be lapsed after withdrawing or failing to register at the end of a leave of absence.

If three years or more have passed since advancement to candidacy for the Ph.D., candidacy status will be determined in consultation between the Graduate Dean and the department. If five years have elapsed between advancement to candidacy and readmission, candidacy will normally be withdrawn. In that case the
student may be held for another set of written and/or oral qualifying examinations leading to advancement to candidacy. In addition, students will be responsible for all appropriate fees.

**Enrollment**

Each quarter, graduate students must pay their fees and enroll by the date indicated in the Schedule of Classes. Course schedules require the prior approval of the departmental graduate advisor.

All graduate students are expected to carry a full academic course load unless good reasons exist for not doing so. Graduate students are considered to be full time if they are carrying 12 graduate units. When a course program contains both graduate and undergraduate courses, the table on this page is used to calculate the appropriate course load:

**Part-Time Study**

In some programs, half-time study (6 units or fewer) is possible. Half-time status is only approved for students who cannot attend full-time for reasons of occupation (full-time employment outside the university), unusual family responsibilities, or poor health. Students should file petitions for half-time status with the Graduate Division.

**Transfer of Credit**

A maximum of 8 quarter units from institutions outside the University of California may be counted towards the master's degree at UCR. All transfer work must have been completed in graduate standing with a minimum grade of “B.” Units cannot be transferred if the student earned a degree. These units may not be used to reduce the minimum number of graduate level units required. Department and Graduate Division approval must be obtained before these units can be accepted for credit.

For doctoral students, transfer credit is determined by the department and approved by the Graduate Dean.

UCR undergraduates who have no more than two courses or 8 units of course work remaining in their bachelor’s programs and who have been admitted to graduate status may begin course work for their advanced degrees at the beginning of the final quarter of undergraduate study. Backdating units from undergraduate status requires that students inform their college offices before beginning course work and that they petition the Graduate Division for credit once they are enrolled as graduate students.

Students may apply Summer Sessions course work from any UC campus toward their graduate degree requirements if they have the prior approval of their departments and of the Graduate Dean.

Units from another UC campus may be used to satisfy one of the three quarters of the residence requirement and may be counted for up to one-half of the total units required for the UCR master’s degree. Department and Graduate Division approval must be obtained before such units can be accepted for credit.

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**GRADUATE SCHOOL OF EDUCATION**

Student Affairs:
1124 Sproul Hall
(909) 787-5990; fax (909) 787-3942
education.ucr.edu

**Degrees and Credentials**

The Graduate School of Education offers credential programs for students preparing for careers in elementary, middle school, and high school teaching; teaching in classrooms for individuals with mild/moderate or moderate/severe disabilities; and administrative service in public schools. Additional options provide special training to help prospective teachers work in culturally and linguistically diverse classrooms. The school offers a combined credential and masters program (M.Ed.), whereby students complete requirements for a California teaching credential and a master’s degree in one academic year and a summer term. It also offers M.A. and Ph.D. programs in Curriculum and Instruction, Special Education, Educational Administration, Educational Psychology, and Exceptionality/School Psychology.

Students planning to enter teaching credential programs should first obtain a general information packet available from the Teacher Education Services Office, 1124 Sproul Hall, and become thoroughly familiar with its content. Students should then attend a Credential Information Seminar offered by the Teacher Education Services Office, 1124 Sproul Hall, preferably no later than the first quarter of their junior year, to facilitate program planning and to insure that they meet specific requirements. Seminar information is provided in the packet. At the seminar students will be given information about credentialing and the programs offered by UCR. They will receive instructions on how to fill out the application, be able to ask questions, and have an opportunity to receive individual counseling regarding the program of their choice.
Admission to teaching credential courses in the 100 series is open to juniors, seniors, and graduate students regardless of major.

Candidates for admission to credential programs must have completed a major other than professional education and must have passed the California Basic Educational Skills Test (CBEST). Students must also submit verification of having met subject matter proficiency either by completing a state-approved subject matter preparation program or by passing the appropriate state-approved subject matter proficiency examination(s).

In addition, students who contemplate adding the Bilingual Cross-cultural Language and Academic Development (BCLAD) Emphasis in Spanish must pass the Spanish Proficiency Test. Further information can be found under Education in the Curricula and Courses section of this catalog.

Graduate Study
Curricula are offered through the Graduate School of Education for the M.A., M.Ed. and Ph.D. degrees. These programs require broad training in education and in a cognate field of study. Further information can be found under Education in the Curricula and Courses section of this catalog.

Teaching Credential Programs
Students planning to become teachers can qualify at UCR for the following teaching and specialist credentials:

- Multiple Subjects (elementary)
- Single Subject (secondary)
- Education Specialist Instruction Credentials in Mild/Moderate and Moderate/Severe Disabilities

Internships are available in all the credential programs.

Students have the option of adding a Cross-cultural Language Academic Development (CLAD) Emphasis and a Bilingual Cross-cultural Language Academic Development (BCLAD) Emphasis in Spanish, or both, to their Multiple Subjects or Single Subject Credential. The BCLAD Emphasis in Spanish is currently available only in multiple subjects programs.

The CLAD emphasis educates candidates to deliver instruction in English in classrooms enrolling students of cultural and linguistic diversity. The BCLAD Emphasis educates candidates to deliver instruction in Spanish, the student’s primary language.

Candidates for these credentials can complete the requirements for a preliminary credential within the B.A. program or can complete the requirements for a clear credential as a graduate student. The professional preparation program requires the equivalent of approximately one year of college work.

Administrative Services Credential Programs
The Graduate School of Education is authorized by the Commission on Teacher Credentialing to offer a program qualifying students for the Preliminary and Professional Administrative Services credentials. Programs leading to these credentials are generally coordinated with an advanced degree in educational administration.

For further information, contact the Graduate School of Education, 1124 Sproul Hall, or call (909) 787-5225 (for credential programs or the M.Ed. program) or (909) 787-5990 (for other graduate degree programs).

THE A. GARY ANDERSON GRADUATE SCHOOL OF MANAGEMENT

Mission Statement
The A. Gary Anderson Graduate School of Management (AGSM) is dedicated to the pursuit of excellence in substantive scholarly research enhancing the world’s base of knowledge about organizations, their environments, and their management, and to the transmission of this knowledge through quality educational programs to students, alumni, business managers, and the public.

Master of Business Administration Program
The AGSM offers a professional graduate program leading to the Master of Business Administration (M.B.A.) degree. The M.B.A. curriculum balances the art and science of management, with a particular emphasis on managing through information, and recognizes the global context of management. The first year core courses of the two-year M.B.A. program provide a strong integrated foundation in the common body of knowledge...
for management. Thereafter, students take 28–36 units of electives, and complete a required internship, capstone course, and a thesis or case analysis.

The program is open to eligible students from all undergraduate majors. Quantitative methods is a prerequisite to the program. Qualified students who have not taken this prerequisite course may be admitted but must meet this requirement during their first two quarters in residence.

In addition to regularly scheduled course work during the day, sufficient sections of course work are offered in the evening to permit career professionals to pursue an M.B.A. degree on a part-time basis.

Admission

Admission requirements for the program are similar to requirements for the Graduate Division. In addition to transcripts, applicants should submit test scores from the Graduate Management Admissions Test (GMAT) and three letters of recommendation from persons knowledgeable about the applicant’s academic and intellectual ability.

Undergraduate Program in Business Administration

The AGSM and the College of Humanities, Arts, and Social Sciences jointly offer an upper-division major in Business Administration intended for students who seek a professional education in the functional fields of private sector management. Students who elect the premajor are advised in the College of Humanities, Arts, and Social Sciences during their freshman and sophomore years; after admission to the major, students are advised by the AGSM. In addition to administering the program, the AGSM also teaches courses in the functional areas of management such as finance, accounting, human resources management, marketing, and management information systems. The B.S. degree in Business Administration is awarded by the College of Humanities, Arts, and Social Sciences.

Certificate in Management

This certificate is awarded jointly by the AGSM and UCR Extension. Satisfactory completion (with a grade of “B” or better) of six courses (plus prerequisite courses, if required) is necessary to earn the certificate. Certificate students complete five required core courses in Management and select one elective by arrangement with the AGSM.

Classes are taught by regular UCR faculty members and are scheduled on the UCR campus both during the day and in the evenings. Permission of the course instructor and the graduate advisor of the AGSM is required before final registration. Students may use the enrollment form inside the back cover of the Extension catalog to mail in their enrollment, or they may enroll in person at the Extension Office. For further information, write to the Coordinator of Certificate Programs, UCR Extension, Riverside, CA 92521-0112, or phone (909) 787-4112.

Executive Education

In addition to its M.B.A. program, the AGSM offers management training programs for executives, managers, administrators, and other professionals in private and public sectors. These programs seek to further the professional development of people in management by providing them with exposure to the most recent trends, ideas, and techniques in the field of management. None of these programs has formal educational prerequisites, since the AGSM is more interested in a candidate’s experience record and potential to benefit from the program.

Advanced Management Program — September–November This certificate program is designed for individuals who have established their careers and who are interested in continuing progress. Typically, applicants are at the middle to senior level of management. Most will have three or more years of supervisory experience. The curriculum is designed around three core topics: dealing with people, working effectively with and within organizations, and understanding today’s business environment. Through exposure to these topics, managers also enhance their potential for career advancement.

Executive Development Program — January–March This certificate program is designed for managers at all levels of virtually all types of organizations who want to expand their knowledge and expertise in the various functional areas of management (i.e., marketing, finance, human resources, operations etc.).

Executive Management Program — March–June This certificate program is designed for men and women who already head business organizations, functions, or administrative units. Participants in this program include middle and senior managers seeking the latest information on management processes; heads of functions who wish to develop a broader perspective of the total operation; technical managers moving into broader management responsibilities; and executives preparing for general management-level positions in either public or private sectors.

Focused Workshops The Advanced Management and Executive Management Programs provide an overview of major issues in the field of management. The focused one-day workshops, however, provide exposure to one area within the field of management. These workshops are in depth and designed for those who would like to develop an enhanced expertise in a subfield of management. The topics of the programs vary from workshop to workshop to meet the needs of the Inland Empire’s professional community.