

# Programs and Courses

## Numbering and Classification

The credit value of each course in quarter units is indicated for each term by a number in parentheses following the title. Departments may indicate the term in which they expect to offer the course by the use of: "F" (fall), "W" (winter), "S" (spring), "Summer." The Schedule of Classes, at [classes.ucr.edu](http://classes.ucr.edu), published several weeks before each term commences, lists the courses that will actually be offered for that term, along with their class hours and locations.

The class type, such as lecture or laboratory, and number of hours per week are listed in the first line of the description.

The letters "A," "B," "C," and "D" are used with the course numbers to indicate sequential order; they do not necessarily indicate that an earlier quarter in the sequence is a prerequisite to the later quarters; the prerequisites (if any) of a given course are stated in the description of that course. The letter designation "E-Z" immediately following a course number — for example, HIST 191 (E-Z) — indicates different topics offered under a general title; no specific instance of such a course, for example, HIST 191E, HIST 191F, or HIST 191G, may be repeated for credit unless otherwise indicated in the course description. The letters "E" through "Z" have no sequential implications. The letters "H", "L", or "P" immediately following a course number usually have special designations: "H" for an honors course, "L" for a laboratory course (usually in the sciences), and "P" for a proseminar. A grade is assigned by the instructor at the end of each term, and credit is granted for each term, except as otherwise noted.

Courses are numbered as follows:

- Lower-division:** 001–099; generally recommended for freshmen and sophomores.
- Upper-division:** 100–199; normally open only to students who have completed at least one lower-division course in the subject, or six quarters/four semesters of college work. Credit in special studies courses for undergraduates is limited to 5 units per quarter.
- Graduate:** 200–299; normally open only to students who have completed at least 18 upper-division quarter units basic to the subject matter of the course.

The admission of undergraduates to graduate courses is limited to upper-division students who have an overall scholarship average not lower than "B"; these limits are imposed by the rules of the Graduate Division. However, graduate courses completed before attaining the baccalaureate will not be accepted in partial fulfillment of requirements

for the credential or minimum requirements in the 200 series for the master's degree, except for undergraduate students who have received approval for backdating their graduate status to cover the session during which such courses were taken. See the Backdating Units section under Policies and Regulations.

4. **Professional courses for teaching credential candidates:** 300–399.

5. **Other professional courses:** 400–499.

## Cross-listed Courses

Cross-listed courses share equivalent course content but are taught by two or more departments. Cross-listed courses generally share a course number, but each course is tied to a specific subject area and department. While prerequisites, unit coverage, and grading basis are identical for cross-listed courses, it may be preferable for students in certain degree programs to enroll under only one of the available subject areas. See an academic advisor to determine which subject area is most appropriate before enrolling in a cross-listed course.

To determine which courses are cross-listed, see individual course descriptions in this catalog or visit [classes.ucr.edu](http://classes.ucr.edu).

## UC Extension Courses

Students may earn credit toward bachelor's and master's degrees at the UC through University Extension. Acceptance of such credit is based on requirements of a particular college, division or department. Generally, preference is given to credits from courses numbered 001–099 and 100–199, prefixed by XR, XL, XI, XB, etc., indicating that such courses are intended to replicate regular offerings of a campus of the UC. Also, courses organized by University Extension, numbered 001–099 and 100–199, prefixed only with an X, are acceptable.

Extension credits are treated like transfer units from approved colleges. They apply toward unit requirements for a degree, but they do not count toward the requirements for residence. Resident students in the university must have advance approval from the appropriate dean for enrollment in UC Extension courses.

Credit earned in University Extension courses is not automatically applicable toward requirements for a master's degree or university-recommended teaching credential and is permitted only in unusual circumstances. Students desiring such credit should consult with their graduate advisors and the Graduate Division before undertaking such courses.

## Abbreviations

<b>ARBC</b>	Arabic Language	<b>CPAC</b>	Comparative Ancient Civilizations	<b>HASS</b>	Humanities, Arts, and Social Sciences	<b>MUS</b>	Music
<b>ARLC</b>	Arabic Literatures and Culture	<b>CPLT</b>	Comparative Literature	<b>HISA</b>	History of the Americas	<b>NASC</b>	Natural and Agricultural Sciences
<b>AHS</b>	Art History	<b>CS</b>	Computer Science	<b>HISE</b>	History of Europe	<b>NEM</b>	Nematology
<b>ANTH</b>	Anthropology	<b>BLCN</b>	Conservation Biology	<b>HIST</b>	History	<b>NRSC</b>	Neuroscience
<b>ART</b>	Art	<b>CRWT</b>	Creative Writing	<b>HNPG</b>	Honors Program	<b>PCST</b>	Peace and Conflicts Studies
<b>AST</b>	Asian Studies	<b>DNCE</b>	Dance	<b>ITAL</b>	Italian	<b>PHIL</b>	Philosophy
<b>BSWT</b>	Basic Writing	<b>ECON</b>	Economics	<b>JPN</b>	Japanese	<b>PHYS</b>	Physics
<b>BCH</b>	Biochemistry	<b>EDUC</b>	Education	<b>KOR</b>	Korean	<b>PLPA</b>	Plant Pathology
<b>BIEN</b>	Bioengineering	<b>EE</b>	Electrical Engineering	<b>LABR</b>	Labor Studies	<b>PORT</b>	Portuguese
<b>BIOL</b>	Biology	<b>ENGL</b>	English	<b>LATN</b>	Latin	<b>POSC</b>	Political Science
<b>BLSC</b>	Biological Sciences	<b>ENGR</b>	Engineering	<b>LNST</b>	Latin American Studies	<b>PSYC</b>	Psychology
<b>BMSC</b>	Biomedical Sciences	<b>ENSC</b>	Environmental Sciences	<b>LWSO</b>	Law and Society	<b>PBPL</b>	Public Policy
<b>BPSC</b>	Botany and Plant Sciences	<b>ENTM</b>	Entomology	<b>LNCR</b>	Learning Center	<b>RLST</b>	Religious Studies
<b>BSAD</b>	Business Administration	<b>ENTX</b>	Environmental Toxicology	<b>LGBS</b>	Lesbian, Gay, Bisexual, Intersexual, and Transgender Studies	<b>RUSN</b>	Russian Studies
<b>BUS</b>	Business Administration	<b>ENVE</b>	Environmental Engineering	<b>LING</b>	Linguistics	<b>SOC</b>	Sociology
<b>CBNS</b>	Cell Biology and Neuroscience	<b>ETST</b>	Ethnic Studies	<b>LTGL</b>	Literatures and Languages	<b>SWSC</b>	Soil and Water Sciences
<b>CMDB</b>	Cell, Molecular, and Developmental Biology	<b>EUR</b>	European Culture	<b>MATH</b>	Mathematics	<b>SEAS</b>	Southeast Asian Studies
<b>CHFY</b>	CHASS F1rst Year	<b>EEOB</b>	Evolution, Ecology, and Organismal Biology	<b>MCBL</b>	Microbiology	<b>SPN</b>	Spanish
<b>CEE</b>	Chemical and Environmental Engineering	<b>FREN</b>	French	<b>ME</b>	Mechanical Engineering	<b>STAT</b>	Statistics
<b>CHE</b>	Chemical Engineering	<b>GBST</b>	Global Studies	<b>MCS</b>	Media and Cultural Studies	<b>TAG</b>	Tagalog
<b>CHEM</b>	Chemistry	<b>GEO</b>	Geosciences	<b>MGT</b>	Management	<b>THEA</b>	Theatre
<b>CHN</b>	Chinese	<b>GER</b>	German	<b>MSE</b>	Materials Science and Engineering	<b>URST</b>	Urban Studies
<b>CLA</b>	Classical Studies	<b>GRK</b>	Greek	<b>MEIS</b>	Middle East and Islamic Studies	<b>VNM</b>	Vietnamese
						<b>WMST</b>	Women's Studies
						<b>WRLT</b>	World Literature