CS 269. Software and Hardware Engineering of Embedded Systems (4) Seminar, 4 hours. Prerequisite(s): CS 120A/EE 120A; consent of instructor. Presents state-of-the-art software and hardware design techniques for embedded computing systems. Topics include specification models, languages, simulation, partitioning algorithms, estimation methods, model refinement, and design methodology.

CS 270. Special Topics in Advanced Computer Science (2) Seminar, 2 hours. Prerequisite(s): consent of instructor. Involves presentations and discussions by faculty and students that focus on new research in computer science. Graded Satisfactory (S) or No Credit (NC). Course is repeatable.

CS 272. Probabilistic Models for Artificial Intelligence (4) Lecture, 3 hours; written work, 3 hours. Prerequisite(s): CS 141, STAT 160A. Covers methods for representing and reasoning about probability distributions in complex domains. Focuses on graphical models and their extensions such as Bayesian networks, Markov networks, hidden Markov models, and dynamic Bayesian networks. Topics include algorithms for probabilistic inference, learning models from data, and decision making. May be taken Satisfactory (S) or No Credit (NC) by students advanced to candidacy for the Ph.D.

CS 287. Colloquium in Computer Science (1) Colloquium, 1 hour. Prerequisite(s): graduate standing. Lectures on current research topics in computer science presented by faculty members and visiting scientists. Graded Satisfactory (S) or No Credit (NC). Course is repeatable.

CS 290. Directed Studies (1-6) Seminar, 1-6 hours. Prerequisite(s): consent of instructor. Research and special studies in computer science. Graded Satisfactory (S) or No Credit (NC). Course is repeatable.

CS 297. Directed Research (1-6) Individual study, 3-18 hours. Prerequisite(s): graduate standing. Directed research on selected problems in computer science under the sponsorship of specific faculty members. Graded Satisfactory (S) or No Credit (NC).

CS 298-I. Individual Internship (1-12) Written work, 1-12 hours; internship, 2-24 hours. Prerequisite(s): graduate standing; consent of instructor. Individual apprenticeship in computer science. Includes fieldwork with an approved professional individual or organization, and academic work under the direction of a faculty member. A final written report is required. Graded Satisfactory (S) or No Credit (NC). Course is repeatable to a maximum of 12 units.

CS 299. Research for Thesis or Dissertation (1-12) Individual study, 3-36 hours. Prerequisite(s): graduate standing and consent of instructor. Research in computer science under the direction of a faculty member. This research is to be included as part of the thesis or dissertation. Graded Satisfactory (S) or No Credit (NC). Course is repeatable.

Professional Courses

CS 301. Teaching Computer Science at the College Level (1) Seminar, 1 hour. Prerequisite(s): graduate standing. A program of weekly meetings and individual formative evaluation required of new Computer Science Teaching Assistants. Covers instructional methods and classroom instruction activities most suitable for teaching Computer Science. Conducted by departmental faculty. Graded Satisfactory (S) or No Credit (NC). Course is repeatable.

CS 302. Apprentice Teaching (1-4) Seminar, 1-4 hours. Prerequisite(s): enrollment limited to teaching assistants and associates in Computer Science. Supervised teaching in upper- and lower-division Computer Science courses. Required each quarter of all Computer Science teaching assistants and associates. The course is intended to aid in the learning of effective teaching methods such as the handling of Computer Science discussion sections, preparation and grading of examinations, and student relations. Graded Satisfactory (S) or No Credit (NC).

Conservation Biology

Subject abbreviation: BLCN

College of Natural and Agricultural Sciences

Program Office, 1223 Pierce Hall (951) 827-4186; ccb.ucr.edu

The major in Conservation Biology is not currently accepting new students. Students who are interested in this field should see the Conservation Biology track, in the Biological Sciences section of this catalog. For more information, contact the CNAS Undergraduate Office, (951) 827-4186.

Upper-Division Courses

BLCN 190. Special Studies (1-4) Individual study, 3-12 hours. Prerequisite(s): consent of instructor and Program Chair. To be taken as a means of meeting special curricular needs. Course content, style, requirements, and grading basis is selected in consultation with the instructor and Program Chair. Course is repeatable to a maximum of 12 units.

BLCN 197. Research for Undergraduates (1-2) Outside research, 3-6 hours. Prerequisite(s): sophomores, juniors, or senior standing in Conservation Biology; consent of instructor and Program Chair. An introduction to research providing the opportunity, through reading and preliminary laboratory work, to develop a research project suitable for BLCN 199. Graded Satisfactory (S) or No Credit (NC). Course is repeatable to a maximum of 4 units.

BLCN 198-I. Individual Internship in Conservation Biology (2-4) Internship, 6-12 hours; consultation, 1 hour; outside reading, 2-4 hours. Prerequisite(s): upper-division standing in Conservation Biology. An off-campus practical experience in the public or private sector related to conservation biology that is conducted under the joint supervision of an off-campus sponsor and a faculty mentor from the Conservation Biology Program. A written report on the internship is required. Graded Satisfactory (S) or No Credit (NC). Course is repeatable to a maximum of 12 units.

BLCN 199. Senior Research (1-4) Laboratory, 3-12 hours. Prerequisite(s): junior or senior standing in Conservation Biology; consent of instructor and Program Chair. BLCN 197 is recommended. Research in conservation biology performed under the supervision of a faculty member in the Conservation Biology Program. A written research report is required. Graded Satisfactory (S) or No Credit (NC). Course is repeatable to a maximum of 12 units.

Conservation Biology / Creative Writing / 195

Creative Writing

Subject abbreviation: CRWT

College of Humanities, Arts, and Social Sciences

D. Charles Whitney, Ph.D., Chair
Department Office, 4146 CHASS INTS
(951) 827-3615; creativewriting.ucr.edu

Professors
Christopher Abani, Ph.D.
Christopher Buckley, M.F.A.
Mike Davis, C.Phil.
Stephanie Hammer, Ph.D.
Juan Felipe Herrera, M.F.A.
Tom Lutz, Ph.D.
Maurya Simon, M.F.A.
Susan C. Straight, M.F.A.
D. Charles Whitney, Ph.D. (Creative Writing/ Media and Cultural Studies)

Professors Emeritus
Steve Minot, Ph.D.
Elid Martinez, Ph.D.

Assistant Professors
Reza Aslan, M.F.A.
Claire Hoffman, M.A., M.S.J.
Michael Jayme, M.F.A.
Laila Lalami, Ph.D.
Andrew Winer, M.F.A.

Visiting Assistant Professor
Goldberry Long, M.F.A.

Lecturers
Judy Z. Kronenfeld, Ph.D.
Dwight Yates, Ph.D.

Major

The Creative Writing major offers a series of workshop courses in poetry, fiction, playwriting, screenwriting, and nonfiction as well as reading courses in poetry and fiction presented from a writer’s point of view. They are taught for the most part by poets, fiction writers, and playwrights.

The writing courses are taught as workshops, so that the subject matter (the students’ stories, poems, and plays) is different each time the course is offered.

Incoming freshmen and transfer students can apply for a Chancellor’s Performance Award, for up to $4,500. Contact the department office for more information.

University Requirements
See Undergraduate Studies section.

College Requirements
See College of Humanities, Arts, and Social Sciences, Colleges and Programs section.

Major Requirements

The major requirements for the B.A. degree in Creative Writing are as follows:

Prerequisite courses: CRWT 056 or equivalent, and ENGL 001A or equivalent.

1. Lower-division requirements (20 units; five courses)