

## 2012-2013 Courses

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### UNDERGRADUATE COURSE OFFERINGS FOR 2012-2013

Listed below are the currently scheduled undergraduate courses beginning Fall 2012 for the Department of Computer Science and Engineering. Please note that the offerings, available sections and professor assignments are subject to change without notice. For course descriptions, please refer to the [Computer Science and Engineering section of the UCR Course Catalog](#) (121 kB)

#### **FALL 2012**

ENGR 001G, I: Professional Development and Mentoring: Dr. Faloutsos

ENGR 101: Professional Development and Mentoring: Dr. Vahid

ENGR 180: Technical Communications: Sharon Burton & Bonni Graham

CS 5: Introduction to Computer Programming: Dr. Klefstad

CS 6: Effective Use of the World Wide Web: Dr. Klefstad

CS 8: Introduction to Computing: Toby Gustafson

CS 10: Introduction to Computer Science for Science, Mathematics, and Engineering: Kris Miller

CS 11: Introduction to Discrete Structures: Please refer to the MATH Department.

CS 12: Introduction to Computer Science for Science, Mathematics, and Engineering II: Brian Linard

CS 14: Introduction to Data Structures and Algorithms: Dr. Payne

CS 61: Machine Organization and Assembly Language Programming: Brian Linard

CS 100: Software Construction: Dr. Klefstad

CS 111: Discrete Structures: Dr. Young

CS 122A: Intermediate Embedded and Real-Time Systems: Dr. Vahid

CS 141: Intermediate Data Structures and Algorithms: Dr. Young

CS 161: Design and Architecture of Computer Systems: Dr. Najjar

CS 161L: Laboratory in Design and Architecture of Computer Systems: Dr. Najjar

CS 165: Computer Security: Dr. Ravishankar

CS 169: Mobile Wireless Networks: Dr. Krishnamurthy

CS 170: Introduction to Artificial Intelligence: Dr. Keogh

CS 179N: Graphics and Electronic Games: Dr. Zordan

## **WINTER 2013**

CS 5: Introduction to Computer Programming: Dr. Klefstad

CS 6: Effective Use of the World Wide Web: Dr. Klefstad

CS 8: Introduction to Computing: Toby Gustafson

CS 10: Introduction to Computer Science for Science, Mathematics, and Engineering: Kris Miller

CS 11: Introduction to Discrete Structures: Please refer to the MATH Department.

CS 12: Introduction to Computer Science for Science, Mathematics, and Engineering II: Brian Linard

CS 13: Introductory Computer Science for Engineering Majors: Kris Miller

CS 14: Introduction to Data Structures and Algorithms: Dr. Christidis

CS 61: Machine Organization and Assembly Language Programming: Brian Linard

CS 66: Introduction to Three-Dimensional Digital Modeling: Nkenge Wheatland

CS 100: Software Construction: Dr. Payne

CS 111: Discrete Structures: Dr. Chrobak

CS 120A: Logic Design: Please refer to the EE Department

CS 120B: Introduction to Embedded Systems: Dr. Brisk

CS 130: Computer Graphics: Dr. Shinar

CS 150: The Theory of Automata and Formal Languages: Dr. Jiang

CS 152: Compiler Design: Dr. Gupta

CS 153: Design of Operating Systems: Dr. Madhyastha

CS 160: Concurrent Programming and Parallel Systems: Dr. Zizhong Chen (NEW FACULTY)

CS 164: Computer Networks: Dr. Molle

CS 177: Modeling and Simulation: Dr. Molle

CS 179M: Artificial Intelligence: Dr. Keogh

CS 180: Introduction to Software Engineering: Dr. Neamtiu

CS 183: UNIX System Administration: Dr. Klefstad

## **SPRING 2013**

ENGR 180: Technical Communications: Sharon Burton & Bonni Graham

CS 5: Introduction to Computer Programming: Dr. Klefstad

CS 6: Effective Use of the World Wide Web: Dr. Klefstad

CS 8: Introduction to Computing: Toby Gustafson

CS 10: Introduction to Computer Science for Science, Mathematics, and Engineering: Kris Miller & Brian Linard

CS 11: Introduction to Discrete Structures: Please refer to the MATH Department.

CS 12: Introduction to Computer Science for Science, Mathematics, and Engineering II: Kris Miller

CS 14: Introduction to Data Structures and Algorithms: Dr. Lonardi

CS 30: Introduction to Computational Science and Engineering: Dr. Molle

CS 61: Machine Organization and Assembly Language Programming: Brian Linard

CS 67: Three-Dimensional Digital Modeling and Animation: Nkenge Wheatland

CS 100: Software Construction: Dr. Klefstad

CS 111: Discrete Structures: Dr. Chrobak

CS 120A: Logic Design: Please refer to the EE Department

CS 120B: Introduction to Embedded Systems: Dr. Vahid

CS 134: Video Game Creation and Design: Dr. Zordan

CS 141: Intermediate Data Structures and Algorithms: Dr. Young

CS 150: The Theory of Automata and Formal Languages: Dr. Jiang

CS 153: Design of Operating Systems: Dr. Payne

CS 161: Design and Architecture of Computer Systems: Dr. Bhuyan

CS 161L: Laboratory in Design and Architecture of Computer Systems: Dr. Najjar

CS 166: Database Management Systems: Dr. Tsotras

CS 172: Introduction to Information Retrieval (new course): Dr. Christidis

CS 179E: Compilers: Dr. Neamtiu

### General Campus Information

#### University of California, Riverside

900 University Ave.  
Riverside, CA 92521  
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### Department Information

#### Department of Computer Science and Engineering

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### Related Links

[UC Riverside](#)

[Bourns College of Engineering](#)