Computer Science and Engineering

2018 - 2019 Courses

UC RIVERSIDE

Undergraduate Course Offerings for 2018-2019

Below is a list of undergraduate courses currently scheduled to be offered starting in Fall 2018. Please refer to the UCR General Catalog 📕 for course descriptions.

Note: Course offerings, available sections and professor assignments are subject to change without notice. Additional courses may be added, please check again later to see if there are any other courses you would like to take.

FALL 2018

ENGR 001G Professional Development and Mentoring – Prof. Vahid, F.

ENGR 101 Professional Development and Mentoring – Dr. LePendu, P.

ENGR 180 Technical Communications – Burton, S. & Graham, B.

CS 005 Introduction to Computer Programming – Dr. Salloum, M.

CS 006 Effective Use of the World Wide Web – Rusich, R.

CS 008 Introduction to Computing – Gustafson, T.

CS 009P   Introduction to Python Programming with Applications – Miller, K.

CS 010 Intro to Computer Science for Science, Mathematics, & Engineering – Downey, K. and Miller, K.

CS 011 Introduction to Discrete Structures – (see MATH Department)

CS 012 Intro to Computer Science for Science, Mathematics, & Engineering II – TBA

CS 014 Introduction to Data Structures and Algorithms – Strzheletska, E.

CS 061 Machine Organization and Assembly Language Programming – Dr. Linard, B.

CS 100 Software Construction – Crites, B.

CS 111 Discrete Structures – Strzheletska, E.

CS 120A Logic Design – Prof. Tan, Xiang-Dong (ECE faculty)

CS 122A Intermediate Embedded and Real-Time Systems – Dr. McDaniel, J.

CS 130 Computer Graphics – Prof. Schroeder, C.

CS 135 Virtual Reality – Prof. Chen, J.

CS 141 Intermediate Data Structures and Algorithms – Prof. Magdy, A.

CS 150 Automata and Formal Languages – Dr. LePendu, P.

CS 152 Compiler Design – Prof. Payne, T.

CS 153 Design of Operating Systems – Prof. Heng, Y.

CS 161 Design and Architecture of Computer Systems – Prof. Chen, Z.

CS 161L Laboratory in Design and Architecture of Computer Systems – Prof. Najjar, W.

CS 164 Computer Networks – Prof. Ramakrishnan, K.

CS 166 Database Management Systems – Prof. Tsotras, V.

CS 170 Introduction to Artificial Intelligence – Prof. Keogh, E.

CS 171 Introduction to Machine Learning and Data Mining – Prof. Shelton, C.

CS 175 Entrepreneurship in Computing – Prof. Faloutsos, M.

CS 179F Operating Systems – Prof. Qian, Z.

CS 179G Database Systems – Dr. Salloum, M.

CS 180 Introduction to Software Engineering – Prof. Zhao, Z.

WINTER 2019

ENGR 180 Technical Communications – Burton, S. & Graham, B.

CS 005 Introduction to Computer Programming – Dr. Linard, B. and Dr. Salloum, M.

CS 006 Effective Use of the World Wide Web – Rusich, R.

CS 008 Introduction to Computing – Gustafson, T.

CS 010 Intro to Computer Science for Science, Mathematics, & Engineering – Prof. Vahid, F. and Downey, K.

CS 011 Introduction to Discrete Structures – (see MATH Department)

CS 012 Intro to Computer Science for Science, Mathematics, & Engineering II – Miller, K.

CS 013 Introductory Computer Science for Engineering Majors – Crites, B.

CS 014 Introduction to Data Structures and Algorithms – Dr. LePendu, P.

CS 061 Machine Organization and Assembly Language Programming – Downey, K. and Dr. Linard, B.

CS 100 Software Construction – Crites, B.

CS 111 Discrete Structures – Strzheletska, E.

CS 120A Logic Design – (see ECE Department)

CS 120B Introduction to Embedded Systems – Dr. McDaniel, J.

CS 130 Computer Graphics – Prof. Shinar, T.

CS 135 Virtual Reality – Prof. Chen, J.

CS 141 Intermediate Data Structures and Algorithms – Prof. Eldawy, A.

CS 150 Automata and Formal Languages – Dr. LePendu, P.

CS 152 Compiler Design – Prof. Song, C.

CS 153 Design of Operating Systems – Prof. Abu-Ghazaleh, N.

CS 160 Concurrent Programming and Parallel Systems – Prof. Chen, Z.

CS 161 Design and Architecture of Computer Systems – Prof. Najjar, W.

CS 161L Laboratory in Design and Architecture of Computer Systems – Prof. Najjar, W.

CS 165 Computer Security – Prof. Qian, Z.

CS 168 Introduction to Very Large Scale Integration Design – Prof. Tan, S. (ECE faculty)

CS 169 Mobile Wireless Networks – Prof. Krishnamurthy, S.

CS 172 Introduction to Information Retrival – Dr. Salloum, M.

CS 177 Modeling and Simulation – Prof. Molle, M.

CS 179I Networks – Prof. Faloutsos, M.

CS 179E Compiler – Prof. Lesani, M.

CS 181 Principles of Programming Languages – Prof. Shelton, C.

SPRING 2019

ENGR 180 Technical Communications – Burton, S. & Graham, B.

CS 005 Introduction to Computer Programming – Dr. Salloum, M.

CS 006 Effective Use of the World Wide Web – Rusich, R.

CS 008 Introduction to Computing – Gustafson, T.

CS 009M Introduction to Computational Science and Engineering – TBA

CS 010 Intro to Computer Science for Science, Mathematics, & Engineering – Downey, K. and Miller, K.

CS 011 Introduction to Discrete Structures – (see MATH Department)

CS 012 Intro to Computer Science for Science, Mathematics, & Engineering II – Miller, K.

CS 014 Introduction to Data Structures and Algorithms – Dr. LePendu, P. and Strzheletska, E.

CS 061 Machine Organization and Assembly Language Programming – Dr. Linard, B.

CS 100 Software Construction – Crites, B.

CS 111 Discrete Structures – Strzheletska, E.

CS 120A Logic Design – Downey, K.

CS 120B Introduction to Embedded Systems – Dr. McDaniel, J.

CS 133 Computational Geometry – Prof. Eldawy, A.

CS 141 Intermediate Data Structures and Algorithms – Prof. Lonardi, S.

CS 145 Combinatorial Optimization Algorithms – Prof. Richelson, S.

CS 147 GPU Programming – Prof. Wong, D.

CS 150 Automata and Formal Languages – Prof. Jiang, T.

CS 152 Compiler Design – Prof. Zhao, Z.

CS 153 Design of Operating Systems – Prof. Song, C.

CS 161 Design and Architecture of Computer Systems – TBA

CS 161L Laboratory in Design and Architecture of Computer Systems – TBA

CS 166 Database Management Systems – Prof. Ravishankar, C.

CS 171 Introduction to Machine Learning and Data Mining – Prof. Papalexakis, V.

CS 172 Introduction to Information Retrieval – Prof. Christidis, E.

CS 173 Introduction to NLP – Dr. LePendu, P. *(approval pending)*

CS 179J Computer Architecture and Embedded Systems – Prof. Brisk, P.

CS 179N Computer Graphics and Games – Prof. Shinar, T.

CS 183 UNIX System Administration – Crites, B.

General Campus Information

University of California, Riverside
900 University Ave.
Riverside, CA 92521
Tel: (951) 827-1012

Career Opportunities • UCR Libraries
Campus Status • Directions to UCR

Department Information

Department of Computer Science and Engineering
351 Winston Chung Hall

Tel: (951) 827-5639
Fax: (951) 827-4643

Related Links

UC Riverside
Bourns College of Engineering