2018 - 2019 Courses

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 Retrieval – 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.