2017 - 2018 CSE Graduate Courses

GRADUATE COURSE OFFERINGS FOR 2017-2018

Below is a list of graduate courses currently scheduled to be offered starting in Fall 2017. Please refer to the UCR General Catalog for course descriptions.

Undergraduate technical electives courses applicable toward your graduate degree: CS 122A, CS 122B, CS 130, CS 134, CS 145, CS 160, CS 162, CS 164, CS 165, CS 166, CS 168, CS 169, CS 170, CS 171, CS 172, CS 177, CS 179 (E-Z) (4 units maximum), CS 180, CS 181, CS 182, CS 183, CS 193 (4 units maximum), EE 140, MATH 120, MATH 126, MATH 135A, MATH 135B, PHIL 124.

Note: Course offerings, available sections and professor assignments are subject to change without notice.

FALL 2017
CS 202  Advanced Operating Systems – Prof. Yin, H.
CS 203  Advanced Computer Architecture – Prof. Najjar, W.
CS 204  Advanced Computer Networks – Prof. Molle, M.
CS 211  High Performance Computing – Prof. Chen, Z.
CS 217  GPU Architecture and Parallel Programming – Prof. Wong, D. (ECE Department)
CS 218  Design and Analysis of Algorithms – Prof. Young, N.
CS 220  Synthesis of Digital Systems – Prof. Brisk, P.
CS 235  Data Mining Techniques – Prof. Papalexakis, E.
CS 236  Database Management Systems – Prof. Ravishankar, C.
CS 240  Network Routing – Prof. Faloutsos, M.
CS 257  Wireless Networks and Mobile Computing – Prof. Krishnamurthy, S.
CS 260 001  Seminar in Computer Science – Prof. Ramakrishnan, K.K.
CS 260 003  Seminar in Computer Science – Prof. Lesani, M.
CS 260 004  Seminar in Computer Science – Prof. Christidis, V.
CS 270 001  Special Topics in Advanced Computer Science – Prof. Tsotras, V.
CS 287  Colloquium in Computer Science – Prof. Ramakrishnan, K.K.
CS 302  Apprentice Teaching – Prof. Brisk, P. (supervising professor)

WINTER 2018
CS 201  Compiler Construction – Prof. Zhao, Z.
CS 203  Advanced Computer Architecture – Prof. Bhuyan, L.

CS 205  Artificial Intelligence – Prof. Keogh, E.

CS 215  Theory of Computation – Prof. Richelson, S.

CS 226  Big-Data Management – Prof. Eldawy, A.

CS 227  Probability Models for Artificial Intelligence – Prof. Shelton, C.

CS 230  Computer Graphics – Prof. Schroeder, C.

CS 242  Information Retrieval and Web Search – Prof. Christidis, E.

CS 255  Computer Security – Prof. Song, C.

CS 260 002  Seminar in Computer Science – Prof. Lonardi, S.

CS 260 004  Seminar in Computer Science – Prof. Keogh, E.

CS 260 005  Seminar in Computer Science – Prof. Chen, Z.

CS 287  Colloquium in Computer Science – Prof. Ramakrishnan, K.K.

CS 302  Apprentice Teaching – Prof. Brisk, P. (supervising professor)

**SPRING 2018**

CS 201  Compiler Construction – Prof. Gupta, R.

CS 202  Advanced Operating Systems – Prof. Yin, H.

CS 208  Cloud Computing – Prof. Ramakrishnan, K.K.

CS 210  Scientific Computing – Prof. Shinar, T.

CS 213  Multiprocessor Architecture and Programming – Prof. Bhuyan, L.

CS 218  Design and Analysis of Algorithms – Prof. Lonardi, S.

CS 235  Data Mining Techniques – Prof. Papalexakis, E.

CS 236  Database Management Systems – Prof. Tsotras, V.

CS 238  Algorithmic Techniques in Computational Biology – Prof. Jiang, T.

CS 246  Advanced Verification Techniques in Software Engineering – Prof. Lesani, M.

CS 254  Network Security – Prof. Qian, Z. (approval pending, will be offered as CS 260 003)

CS 260 001  Seminar in Computer Science – Prof. Schroeder, C.

CS 260 002  Seminar in Computer Science – Prof. Ahmed Magdy, A.