2016 - 2017 CSE Graduate Courses

GRADUATE COURSE OFFERINGS FOR 2016-2017

Below is a list of graduate courses currently scheduled to be offered starting in Fall 2016. Please refer to the UCR General Catalog for course descriptions.

CS graduate students may take up to two undergraduate technical electives to count for elective credit, selected only from: CS 122A, CS 122B, CS 130, CS 133, CS 134, CS 145, CS 151, 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), CS 180, CS 181, CS 182, CS 183, CS 193, EE 140, MATH 120, MATH 135A, MATH 135B.

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

FALL 2016

CS 201  Compiler Construction – Prof. Gupta, R.

CS 203  Advanced Computer Architecture – Prof. Wong, D. (ECE Faculty)

CS 205  Artificial Intelligence – Prof. Keogh, E.

CS 211  High Performance Computing – Prof. Chen, Z.

CS 217  GPU Architecture and Parallel Programming – Prof. Wong, D. (ECE Faculty)

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

CS 229  Machine Learning – Prof. Shelton, C.

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

CS 240  Network Routing – Prof. Faloutsos, M.

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

CS 267  Seminar in Data Bases – Prof. Eldawy, A.

CS 260 001  Seminar in Computer Science – Prof. Ramakrishnan, K.K.

CS 260 002  Seminar in Computer Science – Prof. Chen, Z.

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. Keogh, E. (supervising professor)

WINTER 2017
CS 201  Compiler Construction – Prof. Zhao, Z.

CS 202  Advanced Operating Systems – Prof. Abu-Ghazaleh, N.

CS 203  Advanced Computer Architecture – Prof. Bhuyan, L.

CS 204  Advanced Computer Networks – Prof. Ramakrishnan, K.K.

CS 215  Theory of Computation – Prof. Chrobak, M.

CS 230  Computer Graphics – Prof. Schroeder, C.

CS 234  Computational Methods for Biomolecular Data – Prof. Lonardi, S.

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

CS 236  Database Management Systems – Prof. Ravishankar, C.

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

CS 255  Computer Security – Prof. Qian, Z.

CS 256  Modeling and Synthesis of Cyber-Physical Systems - Prof. Qi, Z. (ECE faculty)

CS 260 001  Seminar in Computer Science – Prof. Yin, H.

CS 260 002  Seminar in Computer Science – Prof. Song, C.

CS 260 003  Seminar in Computer Science – Prof. Chen, J.

CS 270 001  Special Topics in Advanced Computer Science – Prof. Bhuyan, L.

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

CS 302  Apprentice Teaching – Prof. Keogh, E. (supervising professor)

**SPRING 2017**

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

CS 204  Advanced Computer Networks – Prof. Chen, J.

CS 210  Scientific Computing – Prof. Shinar, T.

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

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

CS 223  Reconfigurable Computing – Prof. Najjar, W.

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

CS 238  Algorithmic Techniques in Computational Biology – Prof. Jiang, T.
CS 239 Performance Evaluation of Computer Networks – Prof. Krishnamurthy, S.

CS 260 001 Seminar in Computer Science – Prof. Zhao, Z.

CS 260 003 Seminar in Computer Science – Prof. Shelton, C.

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

CS 270 001 Special Topics in Advanced Computer Science – Prof. Gupta, R.

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

CS 302 Apprentice Teaching – Prof. Keogh, E. (supervising professor)