

CS 2018-2019 Classes

Mathematics Flectives

- MATH 2326 Calculus III
- CSE 4345 Computational Methods

Science Electives

- BIOL 1441 Cell and Molecular Biology
- CHEM 1441 General Chemistry
- CHEM 1465 Chemistry for Engineers

Technical Electives

- CSE 4303 Computer Graphics preregs: CSE 3318 and CSE 3380 or MATH 3330
- <u>CSE 4305</u> Compliers prereqs: CSE 3302 and CSE 3315
- <u>CSE 4309</u> Fundamentals of Machine Learning prereqs: CSE 3318, IE 3301 or MATH 3313, and CSE 3380 or MATH 3330
- <u>CSE 4310</u> Fundamentals of Computer Vision prereqs: CSE 3318, IE 3301 or MATH 3313, CSE 3380 or MATH 3330 (Spring only)
- <u>CSE 4321</u> Software Testing and Maintenance preregs: CSE 3310
- <u>CSE 4322</u> Software Project Management preregs: CSE 3310
- <u>CSE 4323</u> Quantitative Computer Architecture preregs: CSE 3320
- <u>CSE 4331</u> Database Implementation and Theory prereqs: CSE 3330
- <u>CSE 4334</u> Datamining preregs: IE 3301 or MATH 3313 and coreq: CSE 3330
- <u>CSE 4340</u> Fundamentals of Wireless Networks preregs: CSE 4344 or CSE 4352
- <u>CSE 4345</u> Computational Methods prereqs: CSE 3318, IE 3301 or MATH 3313, and CSE 3380 or MATH 3330
- <u>CSE 4351</u> Parallel Processing prereqs: CSE 3320
- <u>CSE 4360</u> Autonomous Robot Design and Programming prereqs: CSE 3318, CSE 3320, and CSE 3380 or MATH 3330 (Fall only)
- <u>CSE 4361</u> Software Design Patterns prereqs: CSE 3311

- <u>CSE 4378</u> Intro to Unmanned Vehicles preregs: Department consent (Fall only)
- <u>CSE 4380</u> Information Security preregs: CSE 3320
- CSE 4381 Information Security 2 preregs: CSE 3320 and coreq CSE 4344
- <u>CSE 4382</u> Secure Programming prereqs: CSE 3320
- <u>CSE 3311</u> Object-orientated Software Engineering prereqs: CSE 1325, CSE 3318, and CSE 3310
- CSE 3313 Signal Processing preregs: CSE 3318 and CSE 3380 or MATH 3330
- <u>IE 3315</u> Operations Research I prereqs: coreq MATH 2326

Language, Philosophy & Culture

- ANTHROPOLOGY (ANTH) 2322
- ARABIC (ARAB) 2310, 2314
- ARCHITECTURE (ARCH) 2300
- ART & ART HISTORY (ART) 1317
- CHINESE (CHIN) 2310, 2314
- CLASSICS (CLAS) 1300
- ENGLISH (ENGL) 2303, 2309, 2319, 2329
- FRENCH (FREN) 2310, 2314
- GERMAN (GERM) 2310, 2314
- GLOBAL (GLOBAL) 2301
- GREEK (GREK) 2314
- HISTORY (HIST) 2377
- INTERDISCIPLINARY STUDIES (INTS) 1310
- KOREAN (KORE) 2310, 2314
- LATIN (LATN) 2314
- LINGUISTICS (LING) 2371
- MEXICAN AMERICAN STUDIES (MAS) 2300
- PHILOSOPHY (PHIL) 1304, 2300
- PORTUGUESE (PORT) 2314
- RUSSIAN (RUSS) 2310 , 2314
- SOCIOLOGY (SOCI) 1310
- SPANISH (SPAN) 2310, 2314

Creative Arts Electives

- ARCHITECTURE (ARCH) 1301
- ART & ART HISTORY (ART) 1301, 1309, 1310
- DANCE (DNCE) 1300
- MUSIC (MUSI) 1300, 1302, 2300, 2301
- THEATER ARTS (THEA) 1342, 1343