

## Approved 400-Level courses to count towards CSE Graduate Program

**IMPORTANT: Students who have taken any of the 4XX courses listed below as 598, cannot take the same class at the 400-level.**

- CSE 408 Multimedia Information Systems
- CSE 412 Database Management
- CSE 414 Advanced Database Concepts
- CSE 432 Operating System Internals
- CSE 434 Computer Networks
- CSE 438 Embedded Systems Programming
- CSE 440 Compiler Construction I
- CSE 445 Distributed Software Development
- CSE 446 Software Integration and Engineering
- CSE 457 Theory of Formal Languages
- CSE 459 Logic for Computing Scientists
- CSE 460 Software Analysis and Design
- CSE 463 Introduction to Human Computer Interaction
- CSE 464 Software Quality Assurance and Testing
- CSE 466 Computer Systems Security
- CSE 467 Data and Information Security
- CSE 468 Computer Network Security\*
- CSE 469 Computer and Network Forensics
- CSE 470 Computer Graphics
- CSE 471 Introduction to Artificial Intelligence
- CSE 472 Social Media Mining
- CSE 475 Foundations of Machine Learning\*
- CSE 476 Introduction to Natural Language Processing
- CSE 477 Introduction to Computer-Aided Geometric Design

\*Students are not permitted to take this course if they have already completed the graduate level course (CSE 475/575 & CSE 468/548)

\*\*CSE 494 courses are not permitted as electives

A maximum of 6 credit hours of 400-level coursework is allowed. A maximum of 12 hours of a combination of 400-level and cross-listed courses (4XX/5XX) is allowed. If a 400 level course is cross-listed with a 500 level course, students will be required to enroll in the 500 level.

June 5, 2023