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 CSE 575

**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.