Approved 400-Level courses to count towards Software Engineering 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.

SER 421  Web-Based Applications and Mobile Systems  
SER 422  Web Application Programming  
SER 423  Mobile Systems  
SER 431  Advanced Graphics  
SER 432  Game Engine Architecture  
SER 450  Computer Architecture  
SER 456  Embedded Interfaces: Sensors and Actuators  
SER 463  Intro to Human Computer Interaction*  
SER 486  Embedded C Programming

*Students can only take SER 463 OR SER 594: Topics in HCI.

**Students MAY NOT count the following courses towards a SE graduate degree:**

SER 401  Computing Capstone I  
SER 402  Computing Capstone II  
SER 415  Software Enterprise: Inception  
SER 416  Software Enterprise: Project and Process Management  
SER 460  Software Analysis and Design  
SER 464  Software QA Testing  
SER 484  Internship  
SER 492  Honors Directed Study  
SER 493  Honors Thesis  
SER 494  Special Topics  
SER 498  Pro-Seminar  
SER 499  Individualized Instruction

List updated 5-16-2022 by B. Elwood