Minor in Software Engineering

Prerequisites Courses:

*Computer Programming Competence* may be established by completing one of the following course sequences:

- CS 171/172 (Computer Programming I/II)
- CS 131/132/172 (Computer Programming A/B/II)
- SE 101/102/103 (Fundamentals of Software Engineering I/II/III)
- ECE203 (Programming for Engineers) & ECEC 301 (Advanced Programming for Engineers)
- INFO 151/2/3/4 (IS Software I/II/III/IV)

**Advanced Prerequisites Courses**

- CS 265 (Adv Programming Techniques)
- CS 260 (Data Structures)

Requirements for the Minor

Students must complete at least 24 credits from the following list, subject to the following restrictions:

- Not more than 9 credit hours may overlap with those required for the student’s academic major.
- All courses listed as required must be completed.
- Prerequisite courses do not count towards the 24 credit requirement.

**Required Courses:**

- SE 210 (Software Specification and Design I)
- SE 211 (Software Specification and Design II)
- SE 310 (Software Architecture I) or CS 350 (Software Design)
- SE 311 (Software Architecture II)
- SE 320 (Software Verification and Validation)
- SE 410 (Software Evolution)
- Two Computing Electives (any CS/INFO/SE course at the 300+ level)