BS Software Engineering Pre-requisite Chart by Academic Years

Fall 1st Year
- CS 111 Foundations I
- Math 107 Linear Algebra

Spring 1st Year
- CS 112 Foundations II
- Math 253 Discrete Math

Fall 2nd Year
- CS 243 Architecture
- CS 211 Data Structures
- Stat 109 Intro Biostatistics
- Math 109 Calculus I
- Math 109 Calculus II

Spring 2nd Year
- CS 201* Requirements Engineering
- CS 312 Algorithms

Fall 3rd Year
- CS 374 Operating Systems
- CS 375* Systems Programming
- CS 356* Software Design & Verification
- CS 357* Software Project Mgmt
- CS 325 Database Design
- CS 328 Web Apps with Databases

Spring 3rd Year

Fall 4th Year
- CS 453* Software Quality Assurance

Spring 4th Year
- CS 449 Computer Security
- CS 459* SE Senior Project

New courses developed for Software Engineering Degree

Corequisite
Prerequisite