

Designing the Program

Goals: Provide a quality degree program targeting computer skills currently in demand. Structure a program that can be completed in a year.

Courses should prepare students for computer science positions or professions dealing with software engineering, mobile applications, and web development. To meet these needs the computer science curriculum committee developed three new courses.

New courses:

1. Discrete Structures in Computer Science (CS 225): Replaces a two-term discrete math sequence, focuses on math that has direct application to computer science.
2. Mobile and Cloud Software Development (CS 496): Focuses on software development for emerging technologies.
3. Web Development (CS 494): An accelerated introduction to web development that provides practical experiences such as work with database systems and active content.

Program Structure:

1. 60 credits of computer science courses.
2. The courses were arranged to ensure that prerequisites could be met and credits would be distributed across the quarters.
3. Every course offered every term