

Computer Science Degree, B.S. Course Projection Guide  
 Revised: Spring, 2019

<b>Courses for the Computer Science Major</b>								
Course	Fall 19	Spring 20	Fall 20	Spring 21	Fall 21	Spring 22	Fall 22	Spring 23
Problem Solving and Programming I	150	150	150	150 <sup>#</sup>	150	150 <sup>#</sup>	150	150 <sup>#</sup>
Problem Solving and Programming II	151	151	151 <sup>#</sup>	151	151 <sup>#</sup>	151	151 <sup>#</sup>	151
Software Development	253	253	253	253	253	253	253	253
Introduction to Software Engineering	*	263	*	263	*	263	*	263
Information Security I	325	*	325	*	325	*	325	*
Computer Organization	*	350	350	*	350	*	350	*
Data Structures and Algorithms	351	*	351	*	351	*	351	*
Programming Languages	*	352	*	352	*	352	*	352
Social and Ethical Issues of Computing	353	*	*	353	*	353	*	353
Operating Systems	*	370	*	370	*	370	*	370
Database Systems	*	453	*	453		453		453
Computer Networking	465	*	465	*	465	*	465	*
Capstone I	495	495	495	495	495	495	495	495
Capstone II	496	496	496	496	496	496	496	496

<sup>#</sup> Classes run if there is sufficient demand

**Computer Science Electives will be offered every semester.**

Recent offerings have included: *Linux Tools, Computer Graphics and Mobile Application Development.*

**Computer Science Liberal Studies Course Offerings**

Freshman seminar: *How Does Software Work?(CS 191) and Internet Security and Ethics (CS 210) will be offered as time permits.*