Computer Science Curriculum Guide

An example: Four year plan for **Computer Science Major**
120 credits necessary to graduate.
Plan is a representation and categories of classes can be switched. Check with your advisor.

Course	Title	Credits
Freshman		
Fall		
COMP SCI 201	Introduction to Computing & Internet Technologies	3
COMP SCI 231	Introduction to IT Operations	3
COMM 133 or COMM 166	Fundamentals of Public Address or Fundamentals of Interpersonal Communication	3
First Year Seminar		3
General Ed		3
	Credits	15
Spring		
COMP SCI 240	Discrete Mathematics	4
COMP SCI 256	Introduction to Software Design	4
MATH 260	Introductory Statistics	4
General Ed		3
	Credits	15
Sophomore		
Fall		
COMP SCI 221	Database Design & Management	3
COMP SCI 292	Introduction to Mobile Platforms and Apps	3
COMP SCI 316	Advanced Software Design	4
General Ed		3
Elective		3
	Credits	16
Spring		
COMP SCI 351	Data Structures	4
MATH 202	Calculus and Analytic Geometry I	4
General Ed		3
Elective		3
	Credits	14
Junior		
Fall		
COMP SCI 353	Computer Architecture and Organization	3
COMP SCI 371	Advanced Object-Oriented Design	4
General Ed		3
General Ed		3
Elective		3
	Credits	16
Spring		
COMP SCI 372	Software Engineering	3
Upper Level Elective for COMP SCI Major		3
Elective		3
General Ed		3

General Ed		3
	Credits	15
Senior		
Fall		
COMP SCI 357	Theory of Programming Languages	3
COMP SCI 464	Artificial Intelligence	3
General Ed		3
Elective		3
Elective		3
	Credits	15
Spring		
COMP SCI 450	Theory of Algorithms	3
COMP SCI 452	Operating Systems Using Linux	3
General Ed		3
Elective		3
Elective		3
	Credits	15
	Total Credits	121