Study Plan for Undergraduate Computer Science Students

First Year		
First Semester		
Course Code	**Course Title**	**Credits**
BG 1001	English I	3
CS 1201	Computer Programming I	3
DA 1121	Basic Mathematics and Statistics	3
IT 2231	Introduction to Information Technology	3
MGT 1101	Introduction to Business	3
	Total	**15**
Second Semester		
Course Code	**Course Title**	**Credits**
BG 1002	English II	3
CS 1202	Computer Programming II	3
DA 2101	Calculus I	3
DA 2103	Principles of Statistics	3
GE 2101	World Civilization	3
MT 1602	Fundamentals of Financial Accounting	3
	Total	**18**

Second Year		
First Semester		
Course Code	**Course Title**	**Credits**
BG 2000	English III	3
CS 2201	Data Structure and Algorithms	3
CS 2202	Computer Architecture	3
CS 2203	Programming Language	3
CS 2101	Mathematics Foundation for Computer Science	3
	One Major Elective Course	3
	Total	**18**
Second Semester		
Course Code	**Course Title**	**Credits**
BG 2001	English IV	3
CS 2204	Database Systems	3
CS 2205	Operating System	3
CS 2206	Computer Network	3
	Two Major Elective Courses	6
		18
	Total	

Third Year

First Semester

Course Code	Course Title	Credits
CS 3201	Algorithms Design	3
GE 2202	Ethics	3
LA 4606	Intellectual Property Law	3
	Three Major Elective Courses	9
	Total	**18**

Second Semester

Course Code	Course Title	Credits
CS 3200	Senior Project I	3
MT 4201	Social Interests, Government Policies and Technology	3
	Two Major Elective Courses	6
	One Free Elective Course	3
	Total	**15**

Fourth Year

First Semester

Course Code	Course Title	Credits
	Five Major Elective Courses	15
	One Free Elective Course	3
	Total	**18**

Second Semester

Course Code	Course Title	Credits
CS 4200	Senior Project II	3
MT 4323	Entrepreneurship in Technology Business	3
	Total	**6**