

Study Plan for BS in Computer Science

First Semester			SECOND SEMESTER		
Course#	Course Name	CR	Course#	Course Name	CR
CSC201	Introduction to Computer Science	3	ELEC223	Digital Fundamentals	3
MATH202	Calculus and Analytic Geometry	3	MATH332	Linear Algebra	3
MATH222	Discrete Math	3	MATH 342	Ordinary Differential Equations	3
CSC203	Programming Structures & abstractions	3	CSC243	Data Structures	3
	University Requirement	3	CSC263	Computer Organization	3
	Total	15		Total	15
THIRD Semester			FOURTH Semester		
Course#	Course Name	CR	Course#	Course Name	CR
MATH203	Calculus IV	3	MATH 442	Numerical Methods	3
MATH352	Probability & Statistics	3	CSC 391	Programming Language Concepts	3
CSC 311	Introduction to Operating Systems	3	CSC 305	Graphical User Interface	3
CCS 382	Theory of Computation	3	IT381	Object Oriented Programming	3
IT 337	Data Modeling and Applications	3		CSC Major Electives	3
	University Requirement	3		University Requirement	3
	Total	18		Total	18
FIFTH Semester			SIXTH Semester		
Course#	Course Name	CR	Course#	Course Name	CR
CSC 441	Algorithm Analysis	3	CSC499	Special Project/internship	3
CSC 426	Software Engineering I	3	CSC 427	Software Engineering II	3
	University Requirement	3		University Requirement	3
	CSC Major Electives	3		CSC Major Electives	3
	Free Elective	3		Free Elective	3
	Total	15		Total	15