

# Study Plan for the BS in Information Technology

First Semester			SECOND SEMESTER		
Course#	Course Name	CR	Course#	Course Name	CR
IT211	Introduction to Information Technology	3	ELEC223	Digital Fundamentals	3
MATH202	Calculus & Analytic Geometry	3	MATH332	Linear Algebra	3
MATH222	Discrete Math	3	MATH342	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	MATH442	Numerical Methods	3
MATH352	Probability & Statistics	3	IT381	Object Oriented Programming	3
IT331	Introduction to Internet Technologies	3	IT431	Introduction to data Networks	3
CSC311	Introduction to Operating Systems	3	IT431L	Data Networks Lab	3
IT337	Data Modeling and Applications	3		IT Major Elective	3
	University Requirement	3		University Requirement	3
	Total	18		Total	18
FIFTH Semester			SIXTH Semester		
Course#	Course Name	CR	Course#	Course Name	CR
IT441	Network Applications and Operations	3	IT499	Special Project/internship	3
IT411	Intermediate Object Oriented Programming	3	IT448	System & Network Security	3
	Free Elective	3		Free Elective	3
	IT Major Elective	3		IT Major Elective	3
	University Requirement	3		University Requirement	3
	Total	15		Total	15