



B.S. in Information Technology

ITBS.2012 (mrs 732)

68 credits, incl. 3 GE credits

Effective Date: 8/2012

Name of Student:		
Student ID #:		Graduation Date
Home Country:	<input type="checkbox"/> IWORK	
Advisor:	Name	Date

Required courses for admission to the major 15 Credits

Course #	Title	Hr.	Prerequisites	Offered	Sem.	Grade
CIS 100 or CIS 200	Fundamentals of Info. Systems & Tech.	3		F,W,S		
CIS 101	Beginning Programming	3		F,W,S		
IT 224/L	Computer Hardware & Sys Software/Lab	3		F,W,S		
IT 240	Fundamentals of Web Design & Technology	3		F,W,S		
IT 280	Data Communication & Networks	3		F,W,S		

To be accepted in to this major, you must pass CIS 100/200 with a B- or better and all other courses listed above with a C or better. You must also have a cumulative GPA of 2.0 or higher. I understand that **One retake is allowed per class, for up to three classes. Additional retakes require special permission.** I understand that if I exhaust my repeats, I risk the chance of not being able to continue in the major or any other major in the CIS department. Please acknowledge that you understand this policy by signing below.

Academic Advisor _____ Date _____ Student _____ Date _____ Accepted into the major: CS Program Chair _____ Date _____

Core Requirements 38 Credits

Classes marked "MO" are for admitted majors only.

CIS 202	Object-Oriented Programming	3	CIS 101	MO	F,W,S		
CIS 305	Systems Engineering I	3	CIS 202, Co/Prerequisite: IS 350	MO	F,W		
CIS 401	Web Application Programming	3	CIS 101, IT 240, or CS 301, and IS 350	MO	F,W,S		
CIS 405	Systems Engineering II	3	CIS 305	MO	W,S		
CIS 470	Ethics in Computer & Information Sciences	2	CIS 405 or Sr. Standing	MO	F,S		
IS 350	Database Management Systems	3	CIS 101	MO	F,W		
IT 320	Linux Essentials	3	CIS 101		F,W		
IT 420	Linux System Administration	3	IT 320	MO	S		
IT 426	Computer Network Services	3	IT 224/L, IT 280/L	MO	F		
IT 427	Windows Desktop Configuration	3	IT 224/L, IT 280/L	MO	W		
IT 440	Foundations of HCI	3	CIS 305, IS 400, IT 240, MATH 221	MO	W		
IT 480	Computer Network Design	3	IT 280/L	MO	W		
IT 481	Information Assurance & Security	3	IT 280/L	MO	S		

Math Requirement 6 Credits

CIS 205	Discrete Mathematics I (GenEd)	3	CIS 101		F,W,S		
MATH 221	Principles of Statistics I (GenEd) <small>(MATH 321 or PSYC 205 may substitute for MATH 221)</small>	3			F,W,S		

Elective Requirements 9 Credits

9 hours in additional CIS, CS, IS, or IT coursework at the 300 level or above

Total Credits Mapped for Graduation:

1. One D+, D, D- is allowed above. All other credits must be C- or better. _____
2. One retake is allowed per class, for up to three classes. Additional retakes require special permission. _____
3. A department-approved assessment test must be taken during your last full semester at BYUH. _____