



# B.S. in Information Technology

ITBS.2012 (mrs 732)

68 credits

Effective Date: 8/2012

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

## Required courses for admission to the major 15 Credits

Course #	Title	Hr.	Prerequisites	Offered	Sem.	Grade
CIS 101	Beginning Programming	3		F,W,S		
CIS 200	Fundamentals of Information Systems and Technology	3		F,W,S		
IT 224/L	Computer Hardware and Systems Software/Lab	3		F,W,S		
IT 240	Fundamentals of Web Design and Technology	3		F,W,S		
IT 280	Computer Networking	3		F,W,S		

To be accepted in to this major, you must pass CIS 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 I	3	CIS 101	MO	F,W,S		
CIS 305	Systems Engineering I	3	CIS 202	MO	F,W		
CIS 405	Systems Engineering II	3	CIS 305, IS 350	MO	W,S		
CIS 470	Ethics in Computer and Information Sciences	2	ENGL 315 or ENGL 316 or equivalent	MO	F,S		
CS 401	Web Applications Development	3	CS 203 and IS 350	MO	F		
IS 350	Database Management Systems	3	CIS 101	MO	F,W		
IT 320	Linux Essentials	3	CIS 101		F		
IT 420	Linux Systems Administration	3	IT 320	MO	W		
IT 426	Computer Network Services	3	IT 224/L, IT 280	MO	F		
IT 427	Windows Desktop Configuration	3	IT 224/L, IT 280	MO	W		
IT 440	Foundations of Human-Computer Interactions	3	CIS 305, IT 240, MATH 221	MO	W		
IT 480	Computer Network Design	3	IT 280	MO	W		
IT 481	Information Assurance and Security	3	IT 280	MO	F		

## Math Requirement 6 Credits

CIS 205	Discrete Mathematics I	3	CIS 101		F,W,S		
MATH 221	Principles of Statistics <small>(MATH 321 or PSYC 205 may substitute for MATH 221)</small>	3	MATH 107 or 110		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:

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