



# 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 (MATH 321 or PSYC 205 may substitute for MATH 221)	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, and is recommended annually. \_\_\_\_\_
- Students may seek one and only one major in either BCIS, CS, IS, or IT. \_\_\_\_\_