



B.S. in Information Technology

For Office Use Only
ITBS.2020
mrs 1683
66 credits
Effective Date: 09/2020

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	Computer Hardware and Systems Software	3		F,W,S		
IT 280	Computer Networking	3		F,W,S		
CIS 205	Discrete Mathematics I	3	CIS 101	F,W,S		

To be accepted in to this major, you must pass IT 280 and CIS 101 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 Computing faculty. Please acknowledge that you understand this policy by signing below.

Academic Advisor _____ Date _____ Student _____ Date _____ Accepted into the major: Math & Computing Dean _____ Date _____

Core Requirements 45 Credits

CIS 202	Object-Oriented Programming I	3	CIS 101	F,W,S		
CIS 305	Systems Engineering I	3	CIS 202	F,W		
CIS 405	Systems Engineering II	3	CIS 305, IS 350	W,S		
CIS 470	Ethics in Computer and Information Sciences	3	ENGL 315 or ENGL 316 or equivalent	F,S		
IS 485	Project Management and Practice	3	CIS 405	F,S		
IS 350	Database Management Systems	3	CIS 101	F,W		
IT 240	Fundamentals of Web Design and Technology	3		F,W,S		
IT 320	System Administration Essentials	3	CIS 101, IT 224, IT 280	F		
IT 420	System Administration	3	IT 320	W		
IT 426	Computer Network Services	3	IT 224, IT 280	F		
IT 427	Client Management and Configuration	3	IT 224, IT 280	W		
IT 440	Foundations of Human-Computer Interactions	3	CIS 305, IT 240, MATH 121	W		
IT 480	Computer Network Design	3	IT 224, IT 280, CIS 205	W		
IT 481	Information Assurance and Security	3	IT 224, IT 280	F		
MATH 121	Principles of Statistics (MATH 421 or PSYC 205 may substitute for MATH 121)	3	MATH 107 or 110	F,W,S		

Elective Requirements 6 Credits

6 hours in additional 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 program-approved assessment test must be taken during your last full semester at BYU-H, and is recommended annually.
- Students may seek one and only one major in either BCIS, CS, IS, or IT.

