

COLLEGE OF TECHNOLOGY

Bachelor of Science, Computer Information Systems

Four-Year Academic Map 2020-2021

YEAR 1	Semester 1 Fall			Semester 2 Spring			Total	
	CIS 2332	Info Tech Hardware & Sys Software	3	CIS 2334	Information Systems Applications	3		
	MATH 1330 (MATH 2312)	Precalculus	3	MATH 1431 (MATH 2413)	Calculus I	4		
	Core Course	American History	3	Core Course	American History	3		
	Core Course	Life & Physical Sciences	3	Core Course	Life & Physical Sciences	3		
	Core Course	Communication	3	Core Course	Communication	3		
	Semester Hours			15	Semester Hours			16

YEAR 2	Semester 1 Fall			Semester 2 Spring			Total	
	CIS 2337	Fundamentals of Info Security	3	CIS 2336	Internet Application Development	3		
	COSC 1306 (COSC 1336)	Computer Science & Programming	3	CIS 2348	Info Sys Application Development	3		
	MATH 1313 (MATH 1324)	Finite Math with Applications	3	MATH 2311 (MATH 1342)	Intro to Probability & Statistics	3		
	ECON 2304/05 (ECON 2302/01)	Micro or Macro Economics	3	SCLT 2362	Introduction to Logistics Tech	3		
	ACCT 2301	Principles of Financial Account	3	ACCT 2302	Principles of Managerial Account	3		
	Semester Hours			15	Semester Hours			15

YEAR 3	Semester 1 Fall			Semester 2 Spring			Total	
	CIS 3343	Info Sys Analysis & Design	3	CIS 3365	Database Management	3		
	CIS 3347	Info Sys Infra. & Networks	3	CIS 3355	Integrated Information Systems	3		
	CIS 3368	Adv Information Sys Develop	3	Core Course	Language, Philosophy & Culture	3		
	TLIM 3363	Technical Communication	3	TLIM 3340	Org Leadership & Supervision	3		
	Core Course	Federal Government	3	Core Course	Texas Government	3		
	Semester Hours			15	Semester Hours			15

YEAR 4	Semester 1 Fall			Semester 2 Spring			Total	
	CIS 4338	Database Adm & Implementation	3	CIS 4375	Project Management & Practice	3		
	CIS 4339	Enterprise Application Develop	3	TLIM 4342	Quality Systems	3		
	TLIM 4341	Production & Service Operations	3	Core Course	Creative Arts	3		
	Appr. Elective	CIS Technical Electives on www.uh.edu/technology	3	Appr. Elective	CIS Technical Electives on www.uh.edu/technology	3		
	Appr. Elective	CIS Technical Electives on www.uh.edu/technology	3	Appr. Elective	CIS Technical Electives on www.uh.edu/technology	3		
	Semester Hours			15	Semester Hours			15
							121	

(Texas Common Course Number) Courses in **bold** are important prerequisites and should be taken as early as students are able. Students should meet with their academic advisor to formulate their own plan.