COLLEGE OF TECHNOLOGY
Bachelor of Science, Computer Information Systems
Four-Year Academic Map 2021-2022

YEAR 1

Semester 1 Fall			Semester 2 Spring			Total
CIS 2332	**Info Tech Hardware & Sys Software**	**3**	**CIS 2334**	**Information Systems Applications**	**3**	
MATH 2312	**Precalculus**	**3**	**MATH 2413**	**Calculus I**	**4**	
HIST 1377	United States History to 1877	3	HIST 1377	United States History since 1877	3	
CORE	Life & Physical Sciences	3	CORE	Life & Physical Sciences	3	
ENGL 1301	First Year Writing I	3	ENGL 1302	First Year Writing II	3	
Semester Hours		15	Semester Hours		16	31

YEAR 2

Semester 1 Fall			Semester 2 Spring			Total
CIS 2337	Fundamentals of Info Security	3	**CIS 2336**	**Internet Application Development**	**3**	
COSC 1336	**Computer Sci & Programming**	**3**	**CIS 2348**	**Info Sys Application Development**	**3**	
MATH 1324	Finite Math W/ Appsi	3	MATH 1342	Elementary Statistical Methods	3	
ECON 2302/01	Princ of Micro or Macro Economics	3	CORE	Language, Philosophy & Culture	3	
ACCT 2301	Principles of Financial Account	3	ACCT 2302	Principles of Managerial Account	3	
Semester Hours		15	Semester Hours		15	30

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**	
TLIM 3363	Technical Communication	3	**CIS 3368**	**Adv Information Sys Develop**	**3**	
TLIM 3340	Org Leadership & Supervision	3	TLIM 3360	Law & Ethics in Tech & Innovation	3	
GOVT 2306	US & Texas Constitution & Politics	3	GOVT 2305	US Government	3	
Semester Hours		15	Semester Hours		15	30

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	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	30
						121

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.