

# COLLEGE OF TECHNOLOGY

## Bachelor of Science, Computer Information Systems

### Four-Year Academic Map 2020-2021

YEAR 1	Semester 1 Fall			Semester 2 Spring			Total
	<b>CIS 2332</b>	<b>Info Tech Hardware &amp; Sys Software</b>	<b>3</b>	<b>CIS 2334</b>	<b>Information Systems Applications</b>	<b>3</b>	
	<b>MATH 2312</b>	<b>Precalculus</b>	<b>3</b>	<b>MATH 2413</b>	<b>Calculus I</b>	<b>4</b>	
	HIST 1301	United States History I	3	HIST 1302	United States History II	3	
	CORE	Life & Physical Sciences	3	CORE	Life & Physical Sciences	3	
	ENGL 1301	English Composition I	3	ENGL 1302	English Composition 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	<b>CIS 2336</b>	<b>Internet Application Development</b>	<b>3</b>	
	<b>COSC 1336</b>	<b>Programming Fundamentals I</b>	<b>3</b>	<b>CIS 2348</b>	<b>Info Sys Application Development</b>	<b>3</b>	
	MATH 1324	Math for Business & Social Sci	3	MATH 1342	Elementary Statistical Methods	3	
	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	30

YEAR 3	Semester 1 Fall			Semester 2 Spring			Total
	<b>CIS 3343</b>	<b>Info Sys Analysis &amp; Design</b>	<b>3</b>	<b>CIS 3365</b>	<b>Database Management</b>	<b>3</b>	
	<b>CIS 3347</b>	<b>Info Sys Infra. &amp; Networks</b>	<b>3</b>	<b>CIS 3355</b>	<b>Integrated Information Systems</b>	<b>3</b>	
	<b>CIS 3368</b>	<b>Adv Information Sys Develop</b>	<b>3</b>	CORE	Language, Philosophy & Culture	3	
	TLIM 3363	Technical Communication	3	TLIM 3340	Org Leadership & Supervision	3	
	GOVT 2305	Federal Government	3	GOVT 2306	Texas Government	3	
	Semester Hours		15	Semester Hours		15	30

YEAR 4	Semester 1 Fall			Semester 2 Spring			Total
	<b>CIS 4338</b>	<b>Database Adm &amp; Implementation</b>	<b>3</b>	CIS 4375	Project Management & Practice	3	
	<b>CIS 4339</b>	<b>Enterprise Application Develop</b>	<b>3</b>	TLIM 4342	Quality Systems	3	
	TLIM 4341	Production & Service Operations	3	CORE	Creative Arts	3	
	Appr. Elective	CIS Technical Electives on <a href="http://www.uh.edu/technology">www.uh.edu/technology</a>	3	Appr. Elective	CIS Technical Electives on <a href="http://www.uh.edu/technology">www.uh.edu/technology</a>	3	
	Appr. Elective	CIS Technical Electives on <a href="http://www.uh.edu/technology">www.uh.edu/technology</a>	3	Appr. Elective	CIS Technical Electives on <a href="http://www.uh.edu/technology">www.uh.edu/technology</a>	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.