

# COLLEGE OF ENGINEERING TECHNOLOGY DIVISION

## Bachelor of Science, Computer Information Systems

### Four-Year Academic Map 2023-2024

YEAR 1	Semester 1 Fall			Semester 2 Spring			Total
	<b>*CIS 1332</b>	<b>Introduction to Info Tech</b>	<b>3</b>	<b>* DIGM 1376</b>	<b>User Experience (UX) Principles</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	U.S. to 1877	3	HIST 1302	U.S. 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

YEAR 2	Semester 1 Fall			Semester 2 Spring			Total
	<b>*CIS 2334</b>	<b>Information Systems Applications</b>	<b>3</b>	<b>*CIS 2336</b>	<b>Web Application Development</b>	<b>3</b>	
	<b>*CIS 2337</b>	<b>Fundamentals of Info Security</b>	<b>3</b>	<b>*CIS 2348</b>	<b>Info Sys Application Development</b>	<b>3</b>	
	MATH 1324	Finite Math W/ Apps	3	<b>MATH 1342</b>	<b>Elementary Statistical Methods</b>	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

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 3330</b>	<b>Information Systems in Orgs</b>	<b>3</b>	
	<b>*CIS 3347</b>	<b>Info Sys Infra. &amp; Networking</b>	<b>3</b>	<b>*CIS 3368</b>	<b>Adv Information Sys Develop</b>	<b>3</b>	
	<b>*TLIM 3363</b>	<b>Technical Communication</b>	<b>3</b>	*TLIM 4341	Production & Service Operations	3	
	<b>*TLIM 3340</b>	<b>Org Leadership &amp; Supervision</b>	<b>3</b>	*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

YEAR 4	Semester 1 Fall			Semester 2 Spring			Total
	<b>*CIS 4339</b>	<b>Enterprise Application Develop</b>	<b>3</b>	*CIS 4375	Project Management & Practice	3	
	<b>*CIS 4355</b>	<b>Information Systems Operations</b>	<b>3</b>	*TLIM 4342	Quality Systems	3	
	<b>*CIS 4365</b>	<b>Database Management</b>	<b>3</b>	CORE	Creative Arts	3	
	Appr. Elective	CIS Technical Electives on dot.egr.uh.edu	3	Appr. Elective	CIS Technical Electives on dot.egr.uh.edu	3	
	Appr. Elective	CIS Technical Electives on dot.egr.uh.edu	3	Appr. Elective	CIS Technical Electives on dot.egr.uh.edu	3	
	Semester Hours			15	Semester Hours		15
							121

Courses in Bold are important prerequisites and should be taken as early as students are able.

\*Courses offered at Sugar Land campus.

Students should meet with their academic advisor to formulate their own plan.