

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
	*CIS 1332	Introduction to Info Tech	3	* DIGM 1376	User Experience (UX) Principles	3	
	MATH 2312	Precalculus	3	MATH 2413	Calculus I	4	
	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	31

YEAR 2	Semester 1 Fall			Semester 2 Spring			Total
	*CIS 2334	Information Systems Applications	3	*CIS 2336	Web Application Development	3	
	*CIS 2337	Fundamentals of Info Security	3	*CIS 2348	Info Sys Application Development	3	
	MATH 1324	Finite Math W/ Apps	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 3330	Information Systems in Orgs	3	
	*CIS 3347	Info Sys Infra. & Networking	3	*CIS 3368	Adv Information Sys Develop	3	
	*TLIM 3363	Technical Communication	3	*TLIM 4341	Production & Service Operations	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 4339	Enterprise Application Develop	3	*CIS 4375	Project Management & Practice	3	
	*CIS 4355	Information Systems Operations	3	*TLIM 4342	Quality Systems	3	
	*CIS 4365	Database Management	3	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	30
							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.