

**Bachelor of Science Degree  
Computer Information Systems (ISTE) Based on 2024-2025 catalog**

First Year		Second Year		Third Year		Fourth Year		
First Semester	Second Semester	Third Semester	Fourth Semester	Fifth Semester	Sixth Semester	Seventh Semester	Eighth Semester	
FALL	SPRING	FALL	SPRING	FALL	SPRING	FALL	SPRING	
CIS 1348   3   major Info Sys Application Development P: None	ACCT 2301   3   Principles of Financial Acct P: CIS Major	ECON 2302   3   SS Princ of Microeconomics or ECON 2301: Macroecon P: MATH 1314 or equiv or COI	CIS 2334   3   major Info Systems Applications P: None	CIS 2368   3   major Adv Info Sys Dev P: at least C- in CIS 1348, CIS 2336, MATH 1324, & MATH 2413	CIS 3330   3   major Information Systems in Organizations P: at least C- in TLIM 3363	CIS 4355   3   major Info Sys Operations P: min C- in CIS 3347 & CIS Major	CIS 4375   3   major Info Systems Capstone P: at least C- in CIS 3339, CIS 4355, CIS 4365, CIS 4374, & CIS major	
MATH 1324   3   Finite Math w/Apps P: None	MATH 2413   4   MATH Calculus I P: C- or better in MATH 2312 or satisfactory score on placement exam	3   NS Life & Phys Sciences Choose from core approved list	CIS 2336   3   major Web Application Development P: CIS major	CIS 2337   3   major Fundamentals of Information Security P: None	CIS 3339   3   major Enterprise Application Development P: CIS major & at least C- in CIS 2368	CIS 4365   3   major Database Management P: at least C- in CIS 3343	CIS 3320   3   major Information Visualization P: at least C- in MATH 1342 or eqiv	
ENGL 1301   3   COMM First Year Writing I P: Placement score	ENGL 1302   3   COMM First Year Writing II P: ENGL 1301 or equiv	MATH 1342   3   math Elementary Statistical Methods P: None	CIS 2347   3   major Info Sys Infrastructure & Networking P: CIS major	TLIM 3363   3   WID Technical Communication P: ENGL 1302 with C- or better	TLIM 3340   3   Org Leadership & Suprv or MANA 3335: Org Behav & Mana P: enrolled in or taken TLIM 3363 P: CIS major	CIS 4374   3   major Info Systems Project Mgt P: at least a C- in CIS 3330	TLIM 3360   3   Law & Ethics in Technology & Innov P: C- in TLIM 3340 or MANA 3335	
GOVT 2305   3   POLS US Government P: None	3   NS Life & Phys Sciences Choose from core approved list	3   CA Creative Arts Choose from core approved list	3   Lang, Phil, & Culture Choose from core approved list	CIS 1376   3   major User Experience (UX) Princ P: CIS major	CIS 3343   3   major Info Sys Analysis & Design P: at least C- in CIS 2334 & at least C- in MATH 1342 or equiv	TLIM 4341   3   Production Service Ops or SCM 3301: Serv & Manuf Ops P: min C- TLIM 3340 & MATH 1324 or equiv P: MATH 1324 & CIS major	TLIM 4342   3   Quality Systems P: at least a C- MATH 1324 or equiv	
HIST 1301   3   HIST U.S. to 1877 P: None	GOVT 2306   3   POLS US & Texas Const & Politics P: None	ACCT 2302   3   Principles of Managerial Acct P: ACCT 2301	HIST 1302   3   HIST U.S. Since 1877 P: None	3   major Approved Elective see CIS major page for approved list	3   major Approved Elective see CIS major page for approved list	3   major Approved Elective see CIS major page for approved list	3   major Approved Elective see CIS major page for approved list	
<b>15</b>	<b>16</b>	<b>15</b>	<b>15</b>	<b>15</b>	<b>15</b>	<b>15</b>	<b>15</b>	
							Total credit hours required =	<b>121</b>

Preapproved Technical Electives: <https://dot.egr.uh.edu/programs/undergraduate/computer-information-systems/technical-electives>

Major courses  
 Core courses  
 CIS Environment

Courses required for Degree are based on catalog year student declares major, please verify this is the correct course sequence.  
Prerequisites for course are effective at the time student enrolls in coursework and may change, please check catalog for current prerequisites.

**Students must earn a grade of C- or better in all major courses and for prerequisites to major coursework**