

**Bachelor of Science Degree
Computer Information Systems (ISTE) Based on 2022-2023 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 2332 3 major Info Tech Hardware & Systems Software P: declared major or at least C in ITEC 1301	CIS 2334 3 major Info Systems Applications P: declared major or at least C in ITEC 1301 or COSC 1336 or Equiv	CIS 2337 3 major Fundamentals of Information Security P: None	CIS 2336 3 major Internet Application Development P: at least C in COSC 1336 or equiv	CIS 3343 3 major Info Sys Analysis & Design P: at least C in CIS 2334 & enrolled or taken MATH 1342	CIS 3365 3 major Database Management P: at least C in CIS 3343	CIS 4338 3 major Database Administration & Implementation P: C in CIS 3365 & CIS Major or consent	CIS 4375 3 major Project Management & Practice P: at least C in CIS 4338, 4339, & CIS major or consent
MATH 2312 3 Math Pre-calculus P: credit for or placement out of MATH 1314 (1310)	MATH 2413 4 MATH Calculus I P: C- or better in MATH 2312 or satisfactory score on placement exam	COSC 1336 3 major Computer Science & Programming P: MATH 1314	CIS 2348 3 major Info Sys Application Development P: At least C in both MATH 2413 & in COSC 1336 or equiv	CIS 3347 3 major Info Sys Infrastructure & Networks P: at least C in CIS 2332 & 2337; CIS major, or enrolled or taken MATH 1342 or equiv or consent	CIS 3355 3 major Intergrated Info Sys P: C or better in all CIS 2336, & 2348, & 3347; CIS Major or Minor; or consent	CIS 4339 3 major Enterprise Application Development P: at least C in CIS 3355 & 3365 & 3368 & CIS major or consent	TLIM 4342 3 Quality Systems P: MATH 1324 or equiv & C or better in TLIM 3340 or equiv
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 1324 3 Finite Math w/Apps P: None or TECH 3366: Discrete Meth P: ITEC 1301 or equivalent	MATH 1342 3 math Intro to Prob & Statistics P: None	TLIM 3363 3 WID Technical Communication P: ENGL 1302 with C or better	CIS 3368 3 major Adv Info Sys Dev P: at least C in both CIS 2348 & MATH 2413	TLIM 4341 3 Production Service Ops or SCM 3301: Serv & Manuf Ops P: statistics, MATH 1324, & min C TLIM 3340 or equiv P: MATH 1324 & declared Bus minor	3 CA Creative Arts Choose from core approved list
3 NS Life & Phys Sciences Choose from core approved list	3 NS Life & Phys Sciences Choose from core approved list	ECON 2302 3 SS Princ of Microeconomics or ECON 2301: Macroecon P: MATH 1314 or equiv or COI	3 Lang, Phil, & Culture Choose from core approved list	TLIM 3340 3 Org Leadership & Suprv or MANA 3335: Org Behav & Mana P: enrolled in or taken TLIM 3363 P: Declared Bus minor	TLIM 3360 3 Law & Ethics in Technology & Innov P: C or better in TLIM 3340 or MANA 3335	3 major Approved Elective www.uh.edu/technology for approved list	3 major Approved Elective www.uh.edu/technology for approved list
HIST 1301 3 HIST U.S. to 1877 (formerly HIST 1377) P: None	HIST 1302 3 HIST U.S. Since 1877 (formerly HIST 1378) P: None	ACCT 2301 3 Principles of Financial Acct P: None	ACCT 2302 3 Principles of Managerial Acct P: C or better in ACCT 2301	GOVT 2305 3 POLS US Government P: None	GOVT 2306 3 POLS US & Texas Const & Politics P: None	3 major Approved Elective www.uh.edu/technology for approved list	3 major Approved Elective www.uh.edu/technology for approved list
15	16	15	15	15	15	15	15
Total credit hours required =							121

Preapproved Technical Electives: See CIS webpage

- Major courses
- College requirements
- 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 receive a "C" or better in major courses.