

## Bachelor of Science Degree

### Computer Information Systems (ISTE) Based on 2023-2024 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 1332   3   <b>major</b> <b>Intro to Information Technology</b>  P: none	DIGM 1376   3   <b>major</b> <b>User Experience (UX) Princ</b>  P: none	CIS 2334   3   <b>major</b> <b>Info Systems Applications</b>  P: None	CIS 2336   3   <b>major</b> <b>Web Application Development</b>  P: at least C in DIGM 1376 & MATH 2312 or equiv	CIS 3343   3   <b>major</b> <b>Info Sys Analysis &amp; Design</b>  P: at least C in CIS 2334 & at least C in MATH 1342	CIS 3330   3   <b>major</b> <b>Information Systems in Organizations</b>  P: at least C in TLIM 3363	CIS 4339   3   <b>major</b> <b>Enterprise Application Development</b>  P: at least C in CIS 3330 & 3368	CIS 4375   3   <b>major</b> <b>Project Management &amp; Practice</b>  P: at least C in CIS 4355, 4365 & 4339 & CIS major
MATH 2312   3   <b>Math</b> <b>Pre-calculus</b>  P: C- or better in MATH 1314 or satisfactory score on placement exam	MATH 2413   4   <b>MATH</b> <b>Calculus I</b>  P: C- or better in MATH 2312 or satisfactory score on placement exam	CIS 2337   3   <b>major</b> <b>Fundamentals of Information Security</b>  P: None	CIS 2348   3   <b>major</b> <b>Info Sys Application Development</b>  P: At least C in MATH 2312 or equiv	CIS 3347   3   <b>major</b> <b>Info Sys Infrastructure &amp; Networking</b>  P: at least C in CIS 1332 & 2337 & CIS major	CIS 3368   3   <b>major</b> <b>Adv Info Sys Dev</b>  P: at least C in CIS 2336, CIS 2348, & MATH 2413	CIS 4355   3   <b>major</b> <b>Info Sys Operations</b>  P: C or better in CIS 3347 & CIS Major	TLIM 4342   3   <b>Quality Systems</b>  P: MATH 1324 or equiv
ENGL 1301   3   <b>COMM</b> <b>First Year Writing I</b>  P: Placement score	ENGL 1302   3   <b>COMM</b> <b>First Year Writing II</b>  P: ENGL 1301 or equiv	MATH 1324   3   <b>Finite Math w/Apps</b>  P: None or <b>TECH 3365: Discrete Meth</b> P: TECH 1301 or equivalent	MATH 1342   3   <b>math</b> <b>Elementary Statistical Methods</b>  P: None	TLIM 3363   3   <b>WID</b> <b>Technical Communication</b>  P: ENGL 1302 with C or better	3   <b>major</b> <b>Approved Elective</b>  see CIS major page for approved list	CIS 4365   3   <b>major</b> <b>Database Management</b>  P: at least C in CIS 3343	3   <b>CA</b> <b>Creative Arts</b>  Choose from core approved list
3   <b>NS</b> <b>Life &amp; Phys Sciences</b>  Choose from core approved list	3   <b>NS</b> <b>Life &amp; Phys Sciences</b>  Choose from core approved list	ECON 2302   3   <b>SS</b> <b>Princ of Microeconomics</b>  or ECON 2301: Macroecon  P: MATH 1314 or equiv or COI	3   <b>Lang, Phil, &amp; Culture</b>  Choose from core approved list	TLIM 3340   3   <b>Org Leadership &amp; Suprv or MANA 3335: Org Behav &amp; Mana</b>  P: enrolled in or taken TLIM 3363 P: Declared Bus minor	TLIM 3360   3   <b>Law &amp; Ethics in Technology &amp; Innov</b>  P: C or better in TLIM 3340 or MANA 3335	TLIM 4341   3   <b>Production Service Ops or SCM 3301: Serv &amp; Manuf Ops</b>  P: statistics, MATH 1324, & min C TLIM 3340 or equiv P: MATH 1324 & declared Bus minor	3   <b>major</b> <b>Approved Elective</b>  see CIS major page for approved list
HIST 1301   3   <b>HIST</b> <b>U.S. to 1877</b>  P: None	HIST 1302   3   <b>HIST</b> <b>U.S. Since 1877</b>  P: None	ACCT 2301   3   <b>Principles of Financial Acct</b>  P: None	ACCT 2302   3   <b>Principles of Managerial Acct</b>  P: C or better in ACCT 2301	GOVT 2305   3   <b>POLS</b> <b>US Government</b>  P: None	GOVT 2306   3   <b>POLS</b> <b>US &amp; Texas Const &amp; Politics</b>  P: None	3   <b>major</b> <b>Approved Elective</b>  see CIS major page for approved list	3   <b>major</b> <b>Approved Elective</b>  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
- 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.**