

Computer Information Systems

The College of Business program in Computer Information Systems prepares graduates to enter the field of Information Technology. Depending upon the suite of electives chosen by the individual student, he or she is prepared for a career as a systems analyst, data base manager, technical support analyst, programmer analyst, information technology project leader or information technology manager. The CIS degree program is one of the largest degree programs at UHD and is also the fastest growing program, a situation that parallels the demand for the graduates in a wide range of industries and business markets.

The degree consists of 123 credit hours of which approximately 42 are general education courses. All students seeking degrees from UHD must complete the core curriculum regardless of their major. The collection of general education courses emphasizes the skills and knowledge important in all academic areas. Students completing most of the general education courses at any of the Lone Star College System campuses may apply for an Associate of Arts degree. In addition to the general education core, students must also complete the required business core.

The CIS curriculum has been developed by the CIS Faculty with the assistance of an advisory board of industry experts having insight into the use of information technology in organizations and its effective management.

The staff members in the Academic Student Services Office at the LSC-UC assist all students in determining which program of study to pursue. This includes providing information about the variety of programs available, reviewing transcripts to aid in identifying any courses to be completed before entering the program of choice, and serving as liaison between the student and university program representatives. Students who have already earned an associate's degree or have a substantial number of college academic credit hours should contact the Academic Student Services Office for advising and to begin the transfer admission process for the university offering the degree program they desire to pursue.

This brochure was created by the Academic Student Services Office based on information from the partner university.

For more information, please contact
the Academic Student Services Office at the
University Center:

281.618.7140 or 936.273.7510

E-mail: UC@LoneStar.edu

Internet: LoneStar.edu/UniversityCenter

3232 College Park Drive
The Woodlands, TX 77384

Computer Information Systems

Bachelor of Business Administration

UH-Downtown



**Computer Information Systems-
Bachelor of Business
Administration
University of Houston-Downtown**

UHD		LSCS
Course #	UHD Course Title	Course #
English (6hrs)		
ENG 1301	Composition I	ENGL 1301
ENG 1302	Composition II	ENGL 1302

Communication (3hrs.)		
SPCH 3306	Business & Professional Speech	
or SPCH 1304	Introduction to Speech Communication	SPCH 1311 or SPCH 1315

Mathematics (3 hrs)		
MATH 1301	College Algebra	MATH 1314

Natural Sciences (6 hrs) *		
BIOL 1301/1101	General Biology I/Lab	BIOL 1406
or BIOL 1302/1102	General Biology II/Lab	BIOL 1407
or BIOL 1303/1103	Human Anatomy & Physiology I/Lab	BIOL 2401
or BIOL 1304/1104	Human Anatomy & Physiology II/Lab	BIOL 2402
or BIOL 1308/1108	Life Science I/Lab	
or BIOL 1309/1109	Life Science II/Lab	
or CHEM 1305/1105	Introduction Chemistry I	CHEM 1405
or CHEM 1306/1106	Introduction Chemistry II	CHEM 1419
or CHEM 1307/1107	Chemistry I/Lab	CHEM 1411
or CHEM 1308/1108	Chemistry II/Lab	CHEM 1412
or GEOL 1305/1105	Physical Geology/Lab	GEOL 1403
or GEOL 1306/1106	Historical Geology/Lab	GEOL 1404
or NS 1310	Life Science Studies	
or NS 1311	Earth & Environmental Science	
or NS 1312	Physical Science Studies	
or PHYS 1305/1105	Descriptive Astronomy Solar System/Lab	
or PHYS 1306/1106	Descriptive Stellar & Galactic Astronomy/Lab	
or PHYS 1307/1107	General Physics I/Lab	PHYS 1401
or PHYS 1308/1108	General Physics II/Lab	PHYS 1402
or PHYS 2401/2101	Physics I/Lab	PHYS 2425
or PHYS 2402/2102	Physics II/Lab	PHYS 2426
or TECH 1301/1101	Understanding Science Through Technology I/Lab	
or TECH 1302/1102	Understanding Science	

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Course #		Course #
Humanities-literature courses (3 hrs)		
ENG 2301	Literature Western World: Ancient to Renaissance	ENGL 2332
or ENG 2302	Literature Western World: Neo-Classicism to Modern	ENGL 2333
or ENG 2311	American Literature to 1865	ENGL 2327
or ENG 2312	American Literature from 1865	ENGL 2328
or ENG 2313	British Literature to 1800	ENGL 2322
or ENG 2314	British Literature from 1800	ENGL 2323

Visual & Performing Arts (3 hrs)		
ART 1301	History of Art I	ARTS 1303
or ART 1302	History of Art II	ARTS 1304
or ART 1310	Art Appreciation	ARTS 1301
or DRA 1301	Introduction to Theater	DRAM 1310
or DRA 3303	History of Theater I	
or DRA 3304	History of Theater II	
or MUS 2301	Music Appreciation to 1750	MUSI 1308
or MUS 2302	Music Appreciation from 1750	MUSI 1309

History (6 hrs)		
HIST 1305	U.S. History to 1877	HIST 1301
HIST 1306	U.S. History after 1877	HIST 1302

Political Science (6 hrs)		
POLS 2303	U.S. Government I	GOVT 2301
POLS 2304	U.S. Government II	GOVT 2302

Behavioral Sciences (3 hrs)		
ANTH 2301	Physical Anthropology	
ANTH 2302	Cultural Anthropology	
CJ 1301	Crime, Law & Society	CRIJ 1301
ECO 1301	Intro to Economics	
GEOG 1301	Intro to Geography	
GEOG 1302	World Geography	GEOG 1303
PSY 1303	General Psychology	PSYC 2301
SOC 1303	Principles of Sociology	SOCI 1301

Computer Literacy (3 hrs)		
CS 1301	Introduction to Computers (or equivalent)	COSC 1401

UHD	UHD Course Title	LSCS
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Business Core Requirements (50 hrs)		
BA 3350	Business Communications	
ACC 2301	Financial Accounting	ACCT 2401
ACC 2302	Managerial Accounting	ACCT 2402
ECO 2301	Principles of Economics I	ECON 2301
ECO 2302	Principles of Economics II	ECON 2302
BA 3300	Business Cornerstone	
BA 3301	Legal Environment of Business	
CIS 3302	Management Information Systems	
BA 4302	Business Strategy	
FIN 3302	Business Finance	
MATH 1305	Finite Math	MATH 1324
MATH 1306	Fundamentals of Calculus with Applications	MATH 1325
STAT 3309	Statistical Analysis for Business Applications	
MGT 3301	Management of Organizations	
MGT 3332	Quantitative Decision Making	
MKT 3301	Principles of Marketing	

Computer Information Systems Major Requirements (21)		
CIS 2301	Computer Algorithms	COSC 1309
CIS 3301	Systems Analysis & Design	
CIS 3303	Computer Hardware, Systems Software & Architecture	
CIS 3305	Computer Networking and Data Communications	
CIS 3306	Database Management System	
CIS 4312	Systems Development Project	

Plus one of the following Languages: (3)		
CIS 3311	Programming Languages: Procedural Nonprocedural and Fourth Generation	
CIS 3321	Programming in Visual Basic	
CIS 3325	Programming in COBOL	
CIS 3330	Programming in Java	

CIS Electives from one of the Specialty Groups (6 hrs)		
Upper Level Business Elective (3 hrs)		
Lower /Upper Level Non-Business Elective (3hrs)		

Total Hours

123*

(See LSCS catalog for more details on Associate's Degree.)

2009-2010

*See UHD catalog for any changes