

University of Houston-Downtown
College of Business
Bachelor of Business Administration (BBA)
Major in Computer Information Systems Program Guide

UNOFFICIAL

(Applicability to an official degree plan is determined solely by the College of Business when student files for plan)

The programs of the University of Houston-Downtown College of Business are fully accredited AACSB International - The Association to Advance Collegiate Schools of Business.

College of Business Admissions Information:

- This program is based on the 2004-2005 UHD Catalog.
- Students currently enrolled at UHD must have completed at least 30 hours of college level work, including completion of English 1302, completion of Math 1301 with a “C” or better, with at least six of those hours completed at UHD, with an overall GPA on all UHD work of 2.0 or better, and have satisfied TASP obligation to be admitted in to the UHD College of Business.
- Transfer students must have 60 or more hours of college level work, including completion of English 1302, with an overall GPA of 2.0 on all work attempted, and have satisfied TASP obligation to be admitted directly into the UHD College of Business.
- For complete statement of Academic Requirements of the College of Business contact Office of Business Student Records, N-1037.

General Education Core Requirements:

	CIS 1301	Introduction to Computer Based Systems (or equivalent)
	ENG 1301	Composition I
	ENG 1302	Composition II
	ENG 23XX	Literature (3 hours, sophomore level or above)
	FINE ARTS	Fine Arts (3 hours - Art, Drama, or Music)
	POLS 2303	U.S. Government I (TX/US Constitutions)
	POLS 2304	U.S. Government II (TX/US Institutions)
	HIST 1305	United States History to 1877 (or equivalent)
	HIST 1306	United States History after 1877 (or equivalent)
	MATH 1301	College Algebra (or equivalent)
	&	Natural Science Courses (2 semesters) _____&_____
	NATURAL SCIENCES	
	SOCIAL/BEHAVIORAL SCIENCE	Course selected from: ANTH 2301/2302; CJ 1301; ECO 1301; GEOG 1301/1302; PSY1303; or SOC 1303
	COMM 1304/3306	Speech Communication
	Satisfactory Completion of the Junior Writing Proficiency Exam	

Business Core Requirements:

	MATH 1305	Finite Math with Applications [<i>"C" in MATH 1301</i>] *
	MATH 1306	Fundamentals of Calculus with Applications [<i>"C" in MATH 1301</i>]
	ACC 2301	Financial Accounting [<i>"C" in MATH 1301</i>]
	ACC 2302	Managerial Accounting [<i>ACC 2301</i>]
	ECO 2301	Principles of Economics I (Macro) [<i>"C" in MATH 1301</i>]
	ECO 2302	Principles of Economics II (Micro) [<i>"C" in MATH 1301</i>]
	BA 2301/3300	Business Cornerstone [<i>Sophomore Standing; is co-req or pre-req to all UL CoB courses</i>]

<input type="checkbox"/>	BA 3301	Legal Environment of Business [<i>completion of GenEd core+18 hrs, POLS 2303/2304</i>] *
<input type="checkbox"/>	CIS 3302	Management of Information Systems [<i>completion of GenEd core+18 hrs, CIS1301</i>]
<input type="checkbox"/>	ENG 3302	Business and Technical Report Writing [<i>3 hrs of Literature</i>]
<input type="checkbox"/>	STAT 3309	Statistical Analysis for Business Applications I [<i>MATH 1305/1306</i>]
<input type="checkbox"/>	FIN 3302	Business Finance [<i>completion of GenEd core+18 hrs, ACC 2301/2302/ECO 2301/2302; at least concurrent w/ STAT 3309</i>]
<input type="checkbox"/>	MGT 3301	Management of Organizations [<i>completion of GenEd core+18 additional hrs</i>]
<input type="checkbox"/>	MKT 3301	Principles of Marketing [<i>completion of GenEd core+18 additional hrs</i>]
<input type="checkbox"/>	MGT 3332	Quantitative Decision Making (QDM) [<i>"C" or better in STAT 3309; MGT 3301</i>]
<input type="checkbox"/>	ADM 4301	Business Communications [<i>completion of GenEd core +48 additional hrs, declared in CoB</i>]
<input type="checkbox"/>	BA 4302	Business Strategy (Policy; Capstone) [<i>Senior Candidacy; all Core classes;WPE</i>]

Computer Information Systems Major Requirements:

<input type="checkbox"/>	CIS 2301	Computer Algorithms & Problem Solving using C++ [<i>grade of "C" or higher in CIS 1301/MATH 1301</i>] *
<input type="checkbox"/>	CIS 3301	Systems Analysis and Design [<i>completion of common core+18 hrs, "C" or better in CIS 2301</i>]
<input type="checkbox"/>	CIS 3303	Computer Hardware, Systems Software and Architecture [<i>same as CIS 3301</i>]
<input type="checkbox"/>	CIS 3305	Computer Networking and Data Communications [<i>"C" or better in CIS 3302 & CIS 3303</i>]
<input type="checkbox"/>	CIS 3306	Database Management System [<i>"C" or better in CIS 3301 & CIS 3302</i>]
<input type="checkbox"/>	CIS 4312	Systems Development Project [<i>"C" or better in CIS 3301, 3305, 3306; WPE; Sr.standing</i>]
		Plus one of the following Languages, [all requiring "C" or better in CIS 2301]
<input type="checkbox"/>	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 Group Electives (six hrs) from one of the following groups :

Database Management Group: CIS 4306 Advanced Database Management Systems [*"C" or better in CIS 3306*]
CIS 4320 Decision Support & Knowledge Systems [*"C" or better in CIS 3306*]

Electronic Commerce Group:

CIS 4313 Introduction to Electronic Commerce [*"C" or better in CIS 3306*]
CIS 4314 Electronic Commerce Systems Development [*"C" or better in CIS 3305 & CIS 4313*]

Application Development Group: CIS 4306 Advanced Database Management Systems [*"C" or better in CIS 3306*]
plus *one* of the following:

CIS 4304 Advanced Programming in C++ [*"C" or better in CIS 2301*]
CIS 4321 Advanced Programming in Visual Basic [*"C" or better in CIS 3321*]
CIS 4325 Advanced Programming in COBOL [*"C" or better in CIS 3325*]
CIS 4330 Advanced Programming in Java [*"C" or better in CIS 3330*]

Computer Networking Group: CIS 4305 Management of Telecommunications Systems [*"C" or better in CIS 3305*]
CIS 4316 Information Security Management [*"C" or better in CIS 3305 or Instructor*

app.]

Information Technology Group: Any two Upper Level (33** or 43**) CIS electives
(Maximum of 3 hrs from CIS 3399 or CIS 4380)

<input type="checkbox"/>	Upper Level (33**/43**) Business elective:	3 hours
<input type="checkbox"/>	Lower-Level (13**/23**)/Upper-Level (33**/43**) Non-Business elective:	3 hours

Total number of hours required for the BBA with major in CIS:

126

Total number of hours earned by student:

Have questions or need information? Contact:

Coordinator of CIS Major:	Dr. Utpal Bose	(713) 221-8251
Finance, Accounting and CIS Dept:	Dr. Asghar Nazemzadeh, Dept. Chair	(713) 221-8631
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College of Business Advising Office:	Dr. Carmen Cuevas	(713) 221-8675
	Ms. Marilyn Tabacco	(713) 221-8675
	Tina Rodriguez (Assistant)	(713) 221-8675
College of Business Records Office:	Ms. Cecilia Longoria	(713) 221-8689
E-Mail Address:	cobadvise@uhd.edu	
University Website:	www.uhd.edu	
UHD Admissions & Records (350-S):		(713) 221-8522
UHD Financial Aid & Scholarships (330-S):		(713) 221-8041
UHD Career Services & Counseling (370-N):		(713) 221-8980
General Academic Advising (380-S):		(713) 221-8006

* PREREQUISITES IN ITALICS/BRACKETS