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U N I V E R S I T Y of H O U S T O N

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Information and Logistics Technology

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September 9, 2009

College of Technology Undergraduate Academic Council
UH Undergraduate Academic Council
University of Houston
Subject: Changes to CIS Degree Plan

APPT [Signature] FEB 25 2010

Dear Committee Members:

The CIS Faculty of the ILT Department met on March 10, 2009 and on April 21, 2009 and voted to propose the following changes to the current Computer Information Systems Degree Plan (formerly ISTE). A copy of the proposed new Fall 2010 CIS degree plan is attached. The ILT department Curriculum Committee subsequently met and approved these changes that were ratified at the May 1, 2009 meeting of the ILT faculty.

1. Delete LOGT 4380 Quality Systems.
2. Add TELS 4342 Quality Improvement Methods as a replacement for LOGT 4380.
3. Replace PSYC 3310 with TELS 3363 as the required WID course if TELS3363 is accepted by the University as a WID course (will reduce the total hours to 121).
4. Reorganize the COLLEGE AND DEPARTMENT REQUIREMENTS section into two sections named CIS ENVIRONMENT and PROGRAM REQUIREMENTS.

Justification

Changes 1, 2, and 4 are proposed in response to the findings of an ABET Accreditation visit team. The team found "The effectiveness of the information systems environment courses to provide a background in an environment in which information systems will be applied professionally is not clear."

The reorganization of the degree plan clearly delineates the courses that are in the information systems environment. The replacement of the LOGT course with a fourth TELS course provides a more focused environment dealing with the management of organizations strengthened by the accounting and economics courses that provide necessary fundamentals.

Replacing PSYC 3310 with TELS 3363 decreases the number of courses in the degree program to 40 which is consistent with the move to 120 SH programs. The CIS program

will require 121 SCH because a four hour Calculus course is required in the program. Calculus is commonly required in computing curricula and is considered to be an important background course for CIS majors.

We welcome questions regarding these changes to the CIS degree plan.

Sincerely,



Dr. Michael L. Gibson, Professor and Chair
Information and Logistics Technology Department
College of Technology



Computer Information Systems Major

The Computer Information Systems program provides for the needs of a dynamic and integral part of business and industry—the information systems environment. Students will obtain a background in business applications, computer concepts, problem solving, decision making, human relations, evaluation, analysis, and communications. Information systems technologists can be found in a broad spectrum of careers in the private and public sectors including the areas of end-user support, telecommunications specialist, applications development, technology management, systems analysis, training, and consulting.

Students wishing to change their major to Computer Information Systems must have a 2.5 grade point average for all college level work attempted.

All majors and minors in the Department of Information and Logistics Technology must earn a grade of C or better in all major/minor courses. No grade lower than C will be accepted on any courses applicable to the major transferred to the University of Houston.

Computer Information Systems Major Requirements

COSC 1304 C Programming

ITEC 1301 Introduction to Computer Application Technology

ITEC 2332 Information Technology Hardware and Systems Software

ITEC 2334 Information Systems Applications

ITEC 2336 Internet Application Development

ITEC 2348 Information Systems Application Development

ITEC 3343 Information Systems Analysis and Design

ITEC 3347 Principles of Information Management

ITEC 3355 Integrated Information Systems

ITEC 3365 Database Management

ITEC 4338 Database Administration and Implementation

ITEC 4339 Enterprise Applications Development

ITEC 4375 Project Management and Practice

Approved Technical electives: Twelve semester hours

Program Requirements

Mathematics/Reasoning

(6 semester hours which includes university core)

MATH 1310 College Algebra

MATH 1431 Calculus

Social and Behavioral Sciences

(3 semester hours which includes university core)
PSYC 1300

Writing in the Discipline

(3 semester hours which includes university core)
TELS 3363. Technical Communications

Deleted: PSYC 3310

Technology Requirements

LOGT 2362. Introduction to Logistics Technology

MATH 1330. Precalculus

TECH 3365. Applied Discrete Methods in Technology

TMTH 3360. Applied Technical Statistics

CIS Environment

ACCT 2331. Accounting Principles I Financial

ECON 2301. Global Economic Concepts

TELS 3340. Organizational Leadership and Supervision

TELS 3363. Technical Communications

TELS 4341. Production and Service Operations

TELS 4342. Quality Improvement Methods

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Deleted: LOGT 2362. Introduction to Logistics Technology

Deleted: LOGT 4380. Quality Systems

Deleted: TELS 3340. Organizational Leadership and Supervision

Degree Awarded: Bachelor of Science

Major: Computer Information Systems

Deleted: TELS 3363. Technical Communications .
TELS 4341. Production and Service Operations .
MATH 1330. Precalculus .
TECH 3365. Applied Discrete Methods in Technology .
TMTH 3360. Applied Technical Statistics ¶

COMPUTER INFORMATION SYSTEMS (CIS)

UNIVERSITY OF HOUSTON
COLLEGE OF TECHNOLOGY
NAME _____

INFORMATION & LOGISTICS DEPARTMENT
BACHELOR OF SCIENCE
UHID _____

UNIVERSITY CORE REQUIREMENTS (42 SH)

	GR	SH	AH
<u>Communication (6 SH)</u>			
ENGL 1303 English Composition I	_____	_____	_____
ENGL 1304 English Composition II	_____	_____	_____

Writing in the Discipline (3 SH)
TELS 3363-Technical Communication in CIS Environment satisfies the WID requirement

History/Government (12 SH)

HIST 1376 or 1377 US History to 1867	_____	_____	_____
HIST 1378 or 1379 US History since 1867	_____	_____	_____
POLS 1336 US & TX Const/Politics	_____	_____	_____
POLS 1337 US Government	_____	_____	_____

Humanities* (3 SH)

Visual/Performing Arts * (3 SH)

Social/Behavioral Sciences (3 SH)
PSYC 1300 Intro Psychology

Math/Reasoning (7 SH)
MATH 1310 College Algebra
MATH 1431 Calculus I

Natural Sciences* (6 SH)

PROGRAM REQUIREMENTS (12 SH)

LOGT 2362 Intro to Logistics Technology	_____	_____	_____
TECH 3365 Appl Discrete Mthd in Tech	_____	_____	_____
MATH 1330 Precalculus	_____	_____	_____
TMTH 3360 Applied Tech Statistics	_____	_____	_____

CIS ENVIRONMENT (18 SH)

	GR	SH	AH
ACCT 2331 Acct Principles I: Financial	_____	_____	_____
ECON 2301 Economic Concepts & Issues	_____	_____	_____
TELS 3340 Org Leadership & Sprvs	_____	_____	_____
TELS 3363 Technical Communication	_____	_____	_____
TELS 4341 Production & Service Ops	_____	_____	_____
TELS 4342 Quality Improvement Methods	_____	_____	_____

MAJOR CORE REQUIREMENTS (51 SH)

Must receive a "C" or better in major core courses taken since Fall 2001.

Required Courses (39 SH)

COSC 1304 C Language Program	_____	_____	_____
ITEC 1301 Computer Appl in Tech	_____	_____	_____
ITEC 2332 Info Tech Hdwr & Sys Sftwr	_____	_____	_____
ITEC 2334 Info Systems Applications	_____	_____	_____
ITEC 2336 Internet Applications Dev	_____	_____	_____
ITEC 2348 Info Sys Appl Development	_____	_____	_____
ITEC 3343 Info Sys Anal & Design	_____	_____	_____
ITEC 3347 Principles of Info Mgt	_____	_____	_____
ITEC 3355 Integrated Info Systems	_____	_____	_____
ITEC 3365 Database Management	_____	_____	_____
ITEC 4338 Dbase Admin & Implement	_____	_____	_____
ITEC 4339 Enterprise Applications Dev	_____	_____	_____
ITEC 4375 Project Mgmt and Practice	_____	_____	_____

Approved Technical Electives (12 SH)

APPROVALS:

Student Signature Date

Advisor Date

* Refer to class schedule for courses, which satisfy University requirements.

TSI requirements must be met (see advisor)

For graduation with HONORS, see Undergraduate Catalog

36 advanced hours required (3000-4000 level)

Total hours required: 121 semester hours