Supply Chain and Logistics Technology Degree Plan Change

The ILT faculty wish to change the degree plan for the Supply Chain and Logistics Technology (SCLT) Bachelor of Science degree, as well as propose additional courses (LOGT 3375, LOGT 3376, and LOGT 4387) to include in the SCLT curricula. The degree plan change provides greater emphasis on different tracks within the SCLT curricula; note that the proposed degree plan requires 18 hours in tracks that SCLT students can select as part of their SCLT degree. The existing SCLT degree plan only requires 15 hours in respective tracks. Note that the new SCLT degree plan moved the ITEC 2332 and ITEC 2334 courses from the College and Department Requirements section into the Systems Management Track. This move focuses the ITEC courses within the track for which they best fit. The reduction in College and Department Requirements hours from 27 to 24 permitted a 3 hour increase in each one of the tracks with the SCLT degree. The other three hour reduction from College and Department Requirements were then used for the proposed course (LOGT 4387) addition to the Major Core Requirements section of the new SCLT degree plan. The LOGT 4387 course, Financial Evaluation for Supply Chain Management, is being added to the curricula to provide instruction on the financial principles, methods, and practices within supply chain management.

The other two SCLT courses (LOGT 3375 and LOGT 3376) being proposed will become a part of a new Global Logistics track in the new SCLT degree plan. A much more global emphasis has emerged in supply chain management as we move in the global economy. This new track provides a way for SCLT students to gain better knowledge, skills, and experiences in global supply chain management. It is expected that with the Geography course and 2 new LOGT courses, SCLT students will enroll in 9 hours of courses from the 15 hours of global courses now scheduled by the Bauer College of Business for students from other colleges at UH.

The last new track in the new SCLT degree plan, Logistics Emphasis Track, provides up to eighteen hours of transfer course credits from students at local community colleges receiving supply chain related AAS degrees. We are working with two of the most prominent community colleges in Houston, Houston Community College and San Jacinto College, to provide a recognized pathway to transition from their community college AAS degree programs into the SCLT Bachelor of Science degree program. The 18 hour Logistics Emphasis Track provides a way for that transition to be better supported. Articulation agreements with both of these community colleges will document how that transition will be facilitated. The 18 hour block of transfer credits in the Logistics Emphasis Track will function in a similar way to how minors functions in the TELS degree program.
Supply Chain and Logistics Technology (LTE)

- **Major Requirements**
- **College and Department Requirements**
- **Operations Track (15 SH Minimum)**
- **Systems Management Track (15 SH Minimum)**
- **Recommended Electives**
- **University Requirements**

Supply Chain and Logistics Technology is a technically-based program using information technology to optimize the global flow of industrial goods and services from manufacturer to industrial user. Supply Chain and Logistics Technology focuses on the international supply chain from the source of raw material through the final consumption of the product.

Because supply-chain functions are part of all business activities, skills acquired with this degree offer unlimited employment opportunities.

Career options for LTE graduates include supply-chain management with domestic and international manufacturing operations, service companies, third-party logistics providers, transportation companies, distribution centers, and other government and private businesses. Graduates are employed as industrial and transportation sales representatives; logistical analysts and consultants; operations managers; purchasing representatives; inventory control specialists; marketing directors; customer service representatives; and warehouse and distribution center managers.
Requirements: Logistics Technology Major

LOGT 2380. Distribution Channels
LOGT 3384. Logistics Technology and Processes
LOGT 3385. Transportation Economics and Policy
LOGT 3387. Procurement
LOGT 3389. Transportation Law
LOGT 4312. Inventory and Materials Handling
LOGT 4375. Global Supply Chain
LOGT 4380. Quality Systems
LOGT 4387. Financial Evaluation for Supply Chain Management

LOGT 4389. Practicum in ID
TELS 2371. Industrial Fiscal Records

College and Department Requirements

ECON 2305. Macro Economics

COMM 3356. Business and Professional Communication
GRTC 3353. Visual Communications Systems
ITEC 1301. Introduction to Computer Application Technology
LOGT 2362. Introduction to Logistics Technology
TELS 2360. Business Law
TELS 3340. Organizational Leadership and Supervision
       or
HDCS 3300. Organizational Decision in Technology
TELS 3363. Technical Communications

Operations Track (18 SH Minimum)

LOGT 3381. Industrial/Consumer Sales
MECT 1364. Materials and Processes I
TELS 4341. Production and Service Operations
** Approved Elective (9 SH)

Systems Management Track (18 SH Minimum)

ITEC 2332. Information Technology Hardware and Systems Software
ITEC 2334. Information
Systems Applications  
ITEC 3343. Information Systems Analysis and Design  
Management  
ITEC 3365. Database Management  
** Approved Elective (6 SH)

Global Logistics  
Track (18 SH Minimum)

GEOG 2340. World Realms

LOGT 3375. Maritime Operations

LOGT 3376 Global Trade Intermediaries  
** Approved Elective (9 SH)

Directed Emphasis  
Track (18 SH Minimum) to be transferred from approved Community College programs.

**Electives to be chosen from College of Technology, Engineering, or Business (other choices must be preapproved)

[Signature]

Recommended Electives

ELET 2307. Electrical-
Electronics Circuits
GRTC 2350, Graphics for Digital Media
GRTC 3350, Graphic Communications
Materials and Processes
GRTC 3351, Graphic Production Process
Control I
HDCS 3369, Entrepreneurship
HDCS 4386, Communication Strategies for Merchandising and Industrial Distribution
TELS 3345, Human Resources in Technology
TELS 4371, Leading Change in the Workplace
TELS 4390, Current Issues in Technology
Leadership and Supervision

University Requirements

Communication (6 semester hours)
ENGL 1303 and 1304, English Composition I and II

History (6 semester hours)
HIST 1377, 1378

American Government (6 semester hours)
POLS 1336, 1337

Social and Behavioral Sciences (3 semester hours includes university core)
ECON 2304

Writing in the Discipline
(3 semester hours)
Three semester hours selected from core approved list

Humanities (3 semester hours)
Three semester hours selected from core approved list

Visual/Performing Arts (3 semester hours)
Three semester hours selected from core approved list

Mathematics/Reasoning (12 semester hours includes core and Bachelor of Science requirements)
MATH 1310, College Algebra
MATH 1313, Finite Mathematics
MATH 1314, Calculus for Business
and the Life Sciences
TMTH 3360, Applied Technical Statistics

Natural Sciences (6 semester hours)
Six semester hours selected from core approved list

Degree awarded: Bachelor of Science
Major: Supply Chain and Logistics Technology

Information Systems Technology (ISTE)

- Major Requirements
- College and Department Requirements
- University Core Curriculum

The Information Systems Technology 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,
SUPPLY CHAIN AND LOGISTICS TECHNOLOGY (Bachelors of Science)

UNIVERSITY OF HOUSTON
COLLEGE OF TECHNOLOGY

INFORMATION & LOGISTICS TECHNOLOGY DEPARTMENT
BACHELOR OF SCIENCE

NAME ____________________________

UHID ____________________________

UNIVERSITY CORE REQUIREMENTS (42 SH)

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MAJOR CORE REQUIREMENTS (33 SH)

- Must receive a "C" or better in major core courses
- Taken since Fall 2005

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Choose the appropriate Track.

** Systems Management Track (18 SH Minimum)
- ITEC 2332 Intro to Client/Server Tech
- ITEC 2334 Information Systems Apps
- ITEC 3343 Information System & Design
- ITEC 3365 Database Management

** Approved Elective

** Approved Elective

** Approved Elective

Global Logistics Track (18 SH Minimum)
- GEOG 2340 World Realms
- LOGT 3375 Maritime Operations
- LOGT 3376 Global Trade Intermediaries

** Approved Elective

** Approved Elective

** Approved Elective

Directed Emphasis Track (18* SH Minimum)

** Electives to be chosen from College of Technology, Engineering
or Business (other choices must be pre-approved).

Recommended Electives:
- ELET 2307, HDCS 4386, HDCS 3369, TELS 3345, TELS 4371, GRTC 2350, GRTC 3350, GRTC 3351, ITEC 4390

36 advanced (3000- or 4000-level) semester hours must be completed.

For graduation with Honors, see Undergraduate Catalog.

Total hours required: 123 semester hours

Texas Success Initiative requirements must be met.