



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

COLLEGE OF TECHNOLOGY  
INFORMATION AND LOGISTICS TECHNOLOGY

UC 10490 09F

APPROVED NOV 18 2009  
*[Signature]*

RECEIVED OCT 15 2009  
*[Signature]*

September 10, 2009

From: Cassler, Daniel

To: COT Academic Committee or Undergraduate Council

Memo: Moving TELS 3363

Reason: We will be moving TELS 3363 from the Program section of the degree plan taking that area from 30 hours to 27 hours and moved to the Writing in the Discipline area, reducing the number of hours required by students from 123 to 120.

*For Logistics*

*[Signature]*

# Supply Chain and Logistics Technology Major

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 SCLT 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.

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.

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## University Core Curriculum

### 42 SEMESTER HOURS

For information on the University Core, please see the Academic Regulations section of this catalog.

Please note that some majors have specific requirements in the core curriculum. Refer to the specific degree plans in this catalog for those requirements.

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## Supply Chain and Logistics Technology Major Requirements

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  
ACCT 2331. Accounting Principles I

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## Tracks

### OPERATIONS TRACK (18 SH MINIMUM)

LOGT 3381. Industrial/Consumer Sales  
MECT 1364. Materials and Processes I  
TELS 4341. Production and Service Operations  
\*\* Approved Electives (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  
ITEC 3365. Database Management  
\*\* Approved Electives (6 SH)

### GLOBAL LOGISTICS TRACK (18 SH MINIMUM)

GEOG 2340. World Realms  
LOGT 3375. Maritime Operations  
LOGT 3376. Global Trade Intermediaries  
\*\* Approved Electives (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).

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## Approved 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

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## Program Requirements

### SOCIAL AND BEHAVIORAL SCIENCES

**(3 semester hours which includes university core)**  
ECON 2304. Microeconomic Principles

### WRITING IN THE DISCIPLINES

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

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### MATHEMATICS/REASONING

**(12 semester hours which includes university 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

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## Technology Requirements (21 Semester Hours)

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  
HDGS 3300. Organizational Decision in Technology

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Deleted: TELS 3363. Technical  
Communications

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

**SUPPLY CHAIN AND LOGISTICS TECHNOLOGY (SCLT)**

UNIVERSITY OF HOUSTON  
COLLEGE OF TECHNOLOGY

INFORMATION & LOGISTICS TECHNOLOGY DEPARTMENT  
BACHELOR OF SCIENCE

NAME \_\_\_\_\_ UHID \_\_\_\_\_

**UNIVERSITY CORE REQUIREMENTS (42 SH)**

	GR	SH	AH
<b><u>Communication (6 SH)</u></b>			
ENGL 1303 English Composition I	_____	_____	_____
ENGL 1304 English Composition II	_____	_____	_____
<b><u>Writing In the Discipline* (3 SH)</u></b>			
_____	_____	_____	_____
<b><u>History/Government (12 SH)</u></b>			
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	_____	_____	_____
<b><u>Humanities* (3 SH)</u></b>			
_____	_____	_____	_____
<b><u>Visual/Performing Arts* (3 SH)</u></b>			
_____	_____	_____	_____
<b><u>Social/Behavioral Sciences (3 SH)</u></b>			
ECON 2304 Microeconomic Principles	_____	_____	_____
<b><u>Natural Sciences* (6 SH)</u></b>			
_____	_____	_____	_____
_____	_____	_____	_____

<b><u>Math/Reasoning (6 SH)</u></b>			
MATH 1310 College Algebra	_____	_____	_____
TMTH 3360 Applied Tech Statistics	_____	_____	_____

**COLLEGE AND DEPARTMENT REQUIREMENTS (30 SH)**

ECON 2305 Macroeconomic Principles	_____	_____	_____
COMM 3356 Business & Prof Comm	_____	_____	_____
ITEC 1301 Intro to Computer Applications	_____	_____	_____
GRTC 3353 Visual Communications Sys	_____	_____	_____
LOGT 2362 Intro to Logistics Tech	_____	_____	_____
MATH 1313 Finite Mathematics	_____	_____	_____
MATH 1314 Elements of Calculus	_____	_____	_____
TELS 2360 Business Law	_____	_____	_____
TELS 3340 Org Leadership & Suprv or	_____	_____	_____
HDCS 3300 Org Decisions in Tech	_____	_____	_____
TELS 3363 Technical Communication	_____	_____	_____

\*Refer to class schedule for courses to satisfy University requirements.

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.

**MAJOR CORE REQUIREMENTS (33 SH)**

©Must receive a "C" or better in major core courses  
Taken since Fall 2003.

	GR	SH	AH
LOGT 2380 Distribution Channels©	_____	_____	_____
LOGT 3384 Logistics Tech & Proc. ©	_____	_____	_____
LOGT 3385 Trans Economics & Policy©	_____	_____	_____
LOGT 3387 Procurement©	_____	_____	_____
LOGT 3389 Transportation Law©	_____	_____	_____
LOGT 4312 Inventory & MatrIs Handling©	_____	_____	_____
LOGT 4375 Global Supply Chain©	_____	_____	_____
LOGT 4380 Quality Systems©	_____	_____	_____
LOGT 4387 Financial Evaluation SCM©	_____	_____	_____
LOGT 4389 Practicum in ID©	_____	_____	_____
ACCT 2331 Accounting Principles I©	_____	_____	_____

**Choose the appropriate Track.**

**Operations Track (18 SH Minimum)**

LOGT 3381 Industrial/Consumer Sales©	_____	_____	_____
MECT 1364 Materials & Processes I©	_____	_____	_____
TELS 4341 Production & Service Ops©	_____	_____	_____
**Approved Elective _____ ©	_____	_____	_____
**Approved Elective _____ ©	_____	_____	_____
**Approved Elective _____ ©	_____	_____	_____

**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 _____ ©	_____	_____	_____

**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).**

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

Student \_\_\_\_\_ Date \_\_\_\_\_ Advisor \_\_\_\_\_ Date \_\_\_\_\_

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<b>Humanities* (3 SH)</b>			
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<b>Visual/Performing Arts* (3 SH)</b>			
_____	_____	_____	_____
<b>Social/Behavioral Sciences (3 SH)</b>			
ECON 2304 Microeconomic Principles	_____	_____	_____
<b>Natural Sciences* (6 SH)</b>			
_____	_____	_____	_____
_____	_____	_____	_____
<b>Math/Reasoning (6 SH)</b>			
MATH 1310 College Algebra	_____	_____	_____
TMTH 3360 Applied Tech Statistics	_____	_____	_____

**COLLEGE AND DEPARTMENT REQUIREMENTS (27 SH)**

ECON 2305 Macroeconomic Principles	_____	_____	_____
COMM 3356 Business & Prof Comm	_____	_____	_____
ITEC 1301 Intro to Computer Applications	_____	_____	_____
GRTC 3353 Visual Communications Sys	_____	_____	_____
LOGT 2362 Intro to Logistics Tech	_____	_____	_____
MATH 1313 Finite Mathematics	_____	_____	_____
MATH 1314 Elements of Calculus	_____	_____	_____
TELS 2360 Business Law	_____	_____	_____
TELS 3340 Org Leadership & Suprv <b>or</b> HDCS 3300 Org Decisions in Tech	_____	_____	_____

\*Refer to class schedule for courses to satisfy University requirements.

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

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LOGT 4312 Inventory & Matrls Handling©	_____	_____	_____
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LOGT 4380 Quality Systems©	_____	_____	_____
LOGT 4387 Financial Evaluation SCM©	_____	_____	_____
LOGT 4389 Practicum in ID©	_____	_____	_____
ACCT 2331 Accounting Principles I©	_____	_____	_____

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MECT 1364 Materials & Processes I©	_____	_____	_____
TELS 4341 Production & Service Ops©	_____	_____	_____
**Approved Elective _____ ©	_____	_____	_____
**Approved Elective _____ ©	_____	_____	_____
**Approved Elective _____ ©	_____	_____	_____

**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 _____ ©	_____	_____	_____

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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)**

_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

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Student JAHUORO \_\_\_\_\_ Date \_\_\_\_\_

Advisor \_\_\_\_\_ Date \_\_\_\_\_