

Logistics and Transportation

Higher Education Center at Otay Mesa

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General Description

Students who wish to transfer, may take Logistics and Transportation to continue studies in logistics, supply chain management, and related fields. In addition to the transfer courses listed, elective courses which introduce students to the field may also be selected. These include studies in logistics, transportation, export/import trade, planning operations and management, legal issues, inventory, and warehousing.

The certificate/A.S. degree program in Logistics and Transportation prepares students to work in industries affected by the distribution of goods, such as global, international, and cross border trade. The program provides students with a foundation of knowledge to enter the field of logistics and transportation and addresses the changing industry needs as a result of globalization. The program focuses on logistics, transportation, and trade issues along the San Diego-Tijuana border region; however, the knowledge and skills acquired throughout the curriculum will prepare students for positions related to the field in a variety of organizations which are involved with the logistics industry at a local, national, and international/global level. A work experience component allows students to gain practical skills and to work toward employment. Students are introduced to the concepts of supply chain management, transporting goods, planning operations, inventory, and warehousing.

Career Options

The following list is a sample of the career options available for individuals who focus on logistics and transportation. Most of these career options require a certificate or an associate degree; some require a bachelor's degree: cargo and freight agent/forwarder, global transportation agent, industrial engineer, international logistics manager, logistician, operations research analyst, production, planning and expediting clerk, supply chain executive/supply chain and logistics manager, transportation, storage, and distribution manager, and warehousing and materials handler.

Degree/Certificate Options

Degree/Certificate Options	Major Code
Associate in Science Degree: Career/Technical	
International Logistics and Transportation	A1141

Certificates of Achievement:

Logistics and Transportation—Basic	A1143
Logistics and Transportation—Intermediate	A1144

Consult with a counselor to develop a Student Education Plan (SEP), which lists the courses necessary to achieve your academic goal.

3. Complete the following course:

HIST 106 World History I

Mathematics

Complete the following courses:

MATH 110 Mathematics for Elementary School Teachers I

MATH 111 Mathematics for Elementary School Teachers II

MATH 112 Children's Mathematical Thinking

Science

Complete the following courses:

BIOL 100 Principles of Biology

BIOL 101 Principles of Biology Laboratory

Visual and Performing Arts

1. Three units selected from the following:

ART 104 Introduction to Art

TA 100 Survey of Drama

2. Complete the following course:

MUS 103 Musicianship for General Education Teachers

Exercise Science and Health

Complete the following courses:

ES/T 200 Physical Education for Elementary School

HLTH 101 Principles of Healthful Living

Values, Ethics and Individual Perspective

1. Three selected from the following:

PHIL 106 World Religions

PHIL 120 Ethics: Theory and Practice

2. Complete the following course:

PSYC 101 General Psychology

3. Three units selected from the following:

PSYC 230 Developmental Psychology

CD 170 Principles of Child Development

Foreign Language Requirement

Complete a second semester level foreign language course if the foreign language requirement has not been completed.

Note: Students in the bilingual track of Spanish can fulfill this requirement by completing SPAN 215.

San Diego State University

The Southwestern College associate degree requirements for Liberal Studies: Elementary Education are modeled after San Diego State's and will fulfill most of the requirements. Please see a counselor for additional requirements.

All SDSU majors (1991–92 or later catalog) are required to prepare an assessment portfolio that demonstrates their mastery of the subject matter. Because a portfolio should show growth in ability, syllabi and samples (graded papers, exams, and projects) should be saved from all lower-division courses.

All SDSU majors (2003–04 or later catalog) are also required to pass part or all of the California Subject Examination for Teachers—Multiple Subject (CSET-MS), depending upon their career goal.



Some courses within this program may require additional coursework that must be completed prior to enrollment in those courses. Please consult the individual course listings for prerequisites and any other limitations on enrollment.

ASSOCIATE IN SCIENCE DEGREE

International Logistics and Transportation

Career/Technical (Major Code: A1141)

Prepares students to work as managers in industries affected by, but not limited to, cross-border and international trade. Develops skills in planning operations, transporting goods, inventory and warehousing, basic security, and supply chain management.

ACCT 7	Basic Business Bookkeeping (3) OR	3-4
ACCT 101	Principles of Accounting I (4)	
BUS 142	Business Ethics—Corporate and Personal	1
BUS 177	Principles of International Business	3
CIS 133	Advanced Microcomputer Spreadsheets Software	1
GEOG 145	Introduction to Mapping and Geographic Information Science (GIS)	3
LEGL 256	International Law for Business	3
BUS 290-293	Work Experience in Business I-IV (2-4)	2-4
Plus the courses required for the Logistics and Transportation—Basic certificate		22

Total units **38-41**

To earn an associate degree, additional general education and graduation requirements must be completed. See page 49.

CERTIFICATES

International Logistics and Transportation—Basic

Certificate of Achievement

Career/Technical (Major Code: A1143)

Prepares students to work in industries affected by, but not limited to, cross-border and international trade. Develops skills in planning operations, transporting goods, inventory and warehousing, basic security, and supply chain management.

BUS 122	Principles of Importing and Exporting	3
BUS 126	Introduction to Business Logistics Management	3
BUS 151	Principles of Operations Management	3
BUS 173	Transportation Management	3
BUS 183	Business Mathematics	3
CIS 101	Introduction to Computers and Information Processing	4
BUS 211	Communication in Business and Industry OR	3
BUS 212	Business Communication	

Total units **22**

International Logistics and Transportation—Intermediate

Certificate of Achievement

Career/Technical (Major Code: A1144)

Prepares students to work in industries affected by, but not limited to, cross-border and international trade. Develops skills that can be utilized internationally, including planning operations, transporting goods, inventory and warehousing, basic security, and supply chain management.

ACCT 7	Basic Business Bookkeeping (3) OR	3-4
ACCT 101	Principles of Accounting I (4)	
BUS 142	Business Ethics—Corporate and Personal	1
BUS 177	Principles of International Business	3
GEOG 145	Introduction to Mapping and Geographic Information Science (GIS)	
LEGL 256	International Law for Business	3
CIS 133	Advanced Microcomputer Spreadsheets Software	1
BUS 290-293	Work Experience in Business I-IV (2-4)	2-4
Plus the courses required for the Logistics and Transportation—Basic certificate		22

Total units **38-41**