

HISTORY AND SOCIAL SCIENCE

1. Select one course from the following:

AFRO 110	African-American History I (3)
HIST 110	African-American History I (3)
HIST 141	Mexican-American History I (3)
MAS 141	Mexican-American History I (3)
HIST 100	American Civilization I (3)

2. Select one course from the following:

AFRO 111	African-American History II (3)
HIST 111	African-American History II (3)
MAS 142	Mexican-American History II (3)
HIST 142	Mexican-American History II (3)
HIST 101	American Civilization II (3)
PS 102	Introduction to American Government and Politics (3) (Highly recommended for students seeking Social Science degree authorization)

3. Complete the following course:

HIST 106	World History I (3)
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MATHEMATICS

Complete the following courses:

MATH 110	Mathematics for Elementary School Teachers I (4)
MATH 111	Mathematics for Elementary School Teachers II (4)
MATH 112	Children's Mathematical Thinking (1)

SCIENCE

Complete the following courses:

BIOL 100	Principles of Biology (3)
BIOL 101	Principles of Biology Laboratory (1)

VISUAL AND PERFORMING ARTS

1. Select one course from the following:

ART 104	Introduction to Art (3)
TA 100	Survey of Drama (3)

2. Complete the following course:

MUS 103	Musicianship for General Education Teachers (3)
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EXERCISE SCIENCE AND HEALTH

Complete the following courses:

ES/T 200	Physical Education for Elementary School (2)
HLTH 101	Principles of Healthful Living (3)

VALUES, ETHICS AND INDIVIDUAL PERSPECTIVE

1. Select one course from the following:

PHIL 106	World Religions (3)
PHIL 120	Ethics: Theory and Practice (3)

2. Complete the following course:

PSYC 101	General Psychology (3)
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3. Select one course from the following:

PSYC 230	Developmental Psychology (3)
CD 170	Principles of Child Development (3)

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.

LOGISTICS AND TRANSPORTATION

SCHOOL OF BUSINESS AND TECHNOLOGY

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DEAN: Mink Stavenga, DBA, Office 470K, 619-482-6569

DEPARTMENT CHAIR: Elisabeth Shapiro, J.D.
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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

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.

ASSOCIATE IN SCIENCE DEGREE

INTERNATIONAL LOGISTICS AND TRANSPORTATION

ASSOCIATE IN ARTS DEGREE

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.

Program Student Learning Outcome Statement:

- Student will explain transportation rules and regulations to suppliers and consumers.
- Student will continually investigate new methods of transportation and logistics in order to arrive at the best methods for each product delivered domestically or globally.
- Student consult US trade and private trade company policy handbooks and manuals to determine the best approach to trade issues and delivery of goods.

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
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 64.

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.

Program Student Learning Outcome Statement:

- Student will organize a plan to transport products across the state, across the country, and to a different continent given a variety of parameters including import/export fees, timelines and legal issues.
- Student will communicate collegially and effectively with logistics professionals in other parts of the world to resolve logistics and transportation issues in the delivery of a variety of goods.

GAINFUL EMPLOYMENT:

The U.S. Department of Education requires colleges to disclose a variety of information for any financial aid eligible program that “prepares students for gainful employment in a recognized occupation.”

Students who complete this program will have acquired the necessary analytical tools to successfully secure gainful employment in the field of study.

For more information regarding the data provided for this program and what it means to you as a student, please feel free to visit our SWC Gainful Employment website at: www.swccd.edu/gainfulemployment.

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 (3) OR	3
BUS 212	Business Communication (3)	
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.

Program Student Learning Outcome Statement:

- Student will resolve a claim made by a customer in another part of the country by providing a detailed account of how the claim will be resolved in a positive and productive manner.
- Students will solve a variety of logistics problems dealing choosing the most cost effective and efficient methods of transporting goods both locally and globally.

GAINFUL EMPLOYMENT:

The U.S. Department of Education requires colleges to disclose a variety of information for any financial aid eligible program that “prepares students for gainful employment in a recognized occupation.”

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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
Plus the courses required for the Logistics and Transportation—Basic certificate		22
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