

“B” Majors

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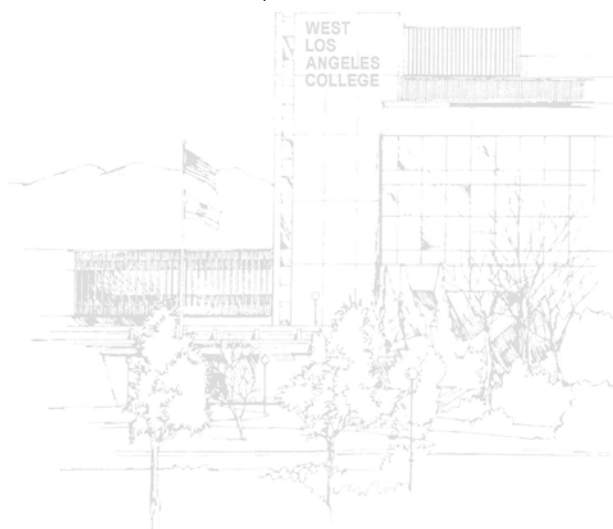
BIOLOGY

BUSINESS

BUSINESS ADMINISTRATION

The following section details the required curriculum for every degree and certificate program offered at the college. Students must complete all course requirements to petition for a skill certificate or state-approved Certificate of Achievement. In order to be eligible for an Associate degree, students must fulfill all major courses, all West general education requirements (Plan A or Plan B), and all other graduation requirements for a total of at least 60 units. Students should refer to “Graduation Requirements” (in the “Academics” section of this catalog) for additional information. Students are also encouraged to seek assistance from counselors and faculty.

Transfer students should consult the Transfer Center or the Counseling Office for major preparation and general education requirements for the particular transfer institution of their choice. Transfer students who want to obtain an Associate degree may select one of the Liberal Arts and Science degrees which require completion of the West, CSU, or IGETC general education core and at least 18 units of coursework in an approved area of emphasis (see Liberal Arts & Science Section for details).



BIOLOGY

ASSOCIATE DEGREES

The Associate of Arts degree in Biology includes coursework that aligns with specific lower-division major requirements for the Biology, Biological Science, and related majors at various universities within the University of California (UC) and California State University (CSU) systems.

Students interested in transferring to a four-year college or university with a major in Biology or related fields of study may also consider the Associate of Arts degree in Liberal Arts and Sciences (Math, Science, and Computer Science emphasis). Students are encouraged to visit the Transfer Center for complete information regarding transfer requirements for the institution of their choice. Students interested in transfer are also encouraged to consult the Counseling Office for individualized educational planning.

The Associate Degree in Biology will provide the student with a strong basic foundation in this science. The curriculum is generally required of lower-division life science majors, as well as pre-dental, pre-medical, pre-optometry, pre-pharmacy, and pre-veterinary students.

ASSOCIATE OF ARTS DEGREE

MAJOR CODE 0401.00

(38 UNITS, PLAN B) + All other West requirements for Associate Degree

REQUIRED COURSES	UNITS
BIOLOGY 6 General Biology I	5
BIOLOGY 7 General Biology II	5

AND THE COURSES IN EACH OF THE FOLLOWING 3 GROUPS:

GROUP 1	UNITS
CHEM 101 General Chemistry I AND	5
CHEM 102 General Chemistry II OR	5
PHYSICS 6 General Physics I AND	4
PHYSICS 7 General Physics II	4

GROUP 2	UNITS
CHEM 211 Organic Chemistry for Science Majors I	5
CHEM 212 Organic Chemistry for Science Majors II	5

GROUP 3	UNITS
MATH 260 Pre-Calculus	5
MATH 261 Calculus I	5

TOTAL UNITS 38

BUSINESS

ASSOCIATE DEGREES

(ALSO SEE MANAGEMENT - SMALL BUSINESS)

The Associate of Arts degree in Business is primarily designed for vocational education and workforce training/development. The curriculum is not aligned with course requirements for transfer to a specific major at a four-year college or university.

Students interested in transferring to a four-year college or university with a major in Business Administration or other Business-related major may consider the Associate of Arts degree in Business Administration. Students should consult the Transfer Center or the Counseling Office for major preparation and general education requirements of the particular transfer institution of their choice.

The Associate of Arts degree in Business provides a broad background of business knowledge which can be applied in most businesses.

ASSOCIATE OF ARTS DEGREE

MAJOR CODE 0501.00

(38 UNITS, PLAN B) + All other West requirements for Associate Degree

REQUIRED COURSES	UNITS
ACCTG 1 Introductory Accounting I OR	5
ACCTG 21 Bookkeeping & Accounting I AND	3
ACCTG 22 Bookkeeping & Accounting II	3
CO SCI 901 Introduction to Computers and Their Use	3
BUS 1 Introduction to Business	3
BUS 31 Business English	3
BUS 32 Business Communications	3
BUS 38 Business Computations	3
LAW 1 Business Law I	3
MGMT 1 Principles of Management	3
MGMT 13 Small Business Entrepreneurship	3
MKTG 1 Principles of Selling	3
MKTG 21 Principles of Marketing	3

ELECTIVES (3 UNITS FROM THE FOLLOWING)	UNITS
MGMT 2 Organization and Management Theory	3
REAL ES 18 Real Estate Investments	3
LAW 2 Business Law	3
TOTAL UNITS	38

MAJOR REQUIREMENTS

CERTIFICATES OF ACHIEVEMENT

CERTIFICATE OF ACHIEVEMENT

MAJOR CODE 0501.00

(29 UNITS)

REQUIRED COURSES	UNITS
ACCTG 1 Introductory Accounting	5
OR	
ACCTG 21 Bookkeeping & Accounting I	3
AND	
ACCTG 22 Bookkeeping & Accounting II	3
CO SCI 901 Introduction to Computers and Their Use	3
BUS 1 Introduction to Business	3
BUS 32 Business Communications	3
BUS 38 Business Computations	3
LAW 1 Business Law I	3
MGMT 1 Principles of Management	3
OR	
MKTG 1 Principles of Selling	3
MKTG 21 Principles of Marketing	3
REAL ES 1 Real Estate Principles	3
TOTAL UNITS	29

BUSINESS ADMINISTRATION

ASSOCIATE DEGREES

(ALSO SEE MANAGEMENT - SMALL BUSINESS)

The Associate of Arts degree in Business Administration includes coursework that aligns with specific lower-division major requirements for Business Administration and related majors at various universities within the University of California (UC) and California State University (CSU) systems.

Students are encouraged to visit the Transfer Center for complete information regarding transfer requirements for the institution of their choice. Students interested in transfer are also encouraged to consult the Counseling Office for individualized educational planning.

Career opportunities in Business Administration are available for multiple professions including accounting managers, stockbrokers, financial consultants, insurance brokers, marketing managers and computer specialists. In addition, a prospective professor of business may get a start in the associate and baccalaureate programs in business administration.

ASSOCIATE OF ARTS DEGREE

MAJOR CODE 0505.00

(26 UNITS, PLAN A) + All other West requirements for Associate Degree

REQUIRED COURSES	UNITS
ACCTG 1 Introductory Accounting I	5
ACCTG 2 Introductory Accounting II	5
CO SCI 901 Introduction to Computers and Their Use	3
ECON 1 Principles of Economics I	3
ECON 2 Principles of Economics II	3
LAW 1 Business Law I	3
MATH 227* Statistics	4
TOTAL UNITS	26

* Higher level Mathematics coursework may be substituted to meet transfer requirements at varying four-year institutions.

CHEMISTRY

ASSOCIATE DEGREES

The Associate of Arts degree in Chemistry includes coursework that aligns with specific lower-division major requirements for the Chemistry major at various universities within the University of California (UC) and California State University (CSU) systems. Additional coursework in Math and Physics is required at some UC and CSU campuses.

Students are encouraged to visit the Transfer Center for complete information regarding transfer requirements for the institution of their choice. Students interested in transfer are also encouraged to consult the Counseling Office for individualized educational planning.

The Associate Degree in Chemistry is designed to provide students with a strong basic foundation for baccalaureate study in Chemistry.

ASSOCIATE OF ARTS DEGREE

MAJOR CODE 1905.00

(45 UNITS, PLAN B) + All other West requirements for Associate Degree

REQUIRED COURSES	UNITS
CHEM 101 General Chemistry I	5
CHEM 102 General Chemistry II	5
CHEM 211 Organic Chemistry for Science Majors I	5
CHEM 212 Organic Chemistry for Science Majors II	5
MATH 261 Calculus I	5
MATH 262 Calculus II	5
MATH 263 Calculus III	5
PHYSICS 37 Physics for Engineers and Scientists I	5
PHYSICS 38 Physics for Engineers and Scientists II	5
TOTAL UNITS	45