



WEST LOS ANGELES COLLEGE
2018 – 2020 CATALOG

ALL SECTIONS OF THIS CATALOG CAN BE FOUND AT
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SECTION:

Academic Majors – Beginning with Letter “B”

DEGREES AND CERTIFICATES

| | |
|---|--|
| AA-T Associate in Art Degree for Transfer | CA Certificate of Achievement |
| AS-T Associate in Science Degree for Transfer | CN Certificate of Completion (noncredit) |
| AA Associate of Arts degree | CY Certificate of Competency (noncredit) |
| AS Associate of Science degree | SC Skills Certificate (non-transcripted) |

BIOLOGY

SCIENCE DIVISION

BIOLOGY (AS-T)

MAJOR CODE: 0401.00

The Associate in Science in Biology for Transfer (AS-T) is designed to provide a solid lower-division preparation for students who intend to transfer to a California State University (CSU) for a bachelor's degree in Biology or similar major. This degree is designed to provide a clear pathway to a CSU and guarantee admissions to a CSU. Although, students are guaranteed admissions, it is not to any particular campus or program in the CSU system. Students will be required to meet with a counselor for specific university major preparation at the college of their choice in order to facilitate a seamless transition. This coursework will satisfy the lower division Biology requirements at some of the CSU campuses. Information on which campuses accept this degree can be found at <http://www.sb1440.org/>

This degree complies with The Student Transfer Achievement Reform Act (Senate Bill 1440). To earn an Associate Degree for Transfer, students must meet the following requirements:

- (1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both the following:
 - (A) The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education-Breadth Requirements.
 - (B) A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
- (2) Obtainment of a minimum grade point average of 2.0
- (3) A grade of "C" or better in all courses required for the major or area of emphasis.

Program Learning Outcomes: Upon successful completion of this program, students will be able to...

- Explain how scientists investigate causes of natural biological phenomena.
- Explain how living things are organized, reproduce, acquire matter & energy, and inherit & express genetic instructions.
- Utilize biological information to make informed decisions about environmental issues.
- Utilize biological information to make informed decisions about personal issues.
- Perform basic biological lab procedures.

Required Courses: 10

| | | |
|-----------|--------------------|---|
| Biology 6 | General Biology I | 5 |
| Biology 7 | General Biology II | 5 |

LIST A: 25

| | | |
|---------------|---------------------|---|
| Chemistry 101 | General Chemistry I | 5 |
|---------------|---------------------|---|

| | | |
|--------------------------|---------------------------------------|-----------|
| Chemistry 102 | General Chemistry II | 5 |
| Math 261 | Calculus I | 5 |
| Physics 37 | Physics for Engineers & Scientists I | 5 |
| Physics 38 | Physics for Engineers & Scientists II | 5 |
| TOTAL MAJOR UNITS | | 35 |

| | CSU | IGETC |
|--|-----|-----------|
| Total Double Counted Units | 9 | 9 |
| General Education (CSU GE or IGETC for STEM) Units | 33 | 31 |
| Elective (CSU Transferable) Units | 1 | 3 |
| TOTAL DEGREE UNITS | | 60 |

BIOLOGY (AS)

MAJOR CODE: 0401.00

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 in Science in Biology for Transfer degree. 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 of Science 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.

Program Learning Outcomes: Upon successful completion of this program, students will be able to...

- Explain how scientists investigate causes of natural biological phenomena.
- Explain how living things are organized, reproduce, acquire matter & energy, and inherit & express genetic instructions.
- Utilize biological information to make informed decisions about environmental issues.
- Utilize biological information to make informed decisions about personal issues.
- Perform basic biological lab procedures.

Required courses 30

| | | |
|-------------|---|---|
| BIOLOGY 006 | General Biology I | 5 |
| BIOLOGY 007 | General Biology II | 5 |
| CHEM 211 | Organic Chemistry for Science Majors I | 5 |
| CHEM 212 | Organic Chemistry for Science Majors II | 5 |
| MATH 260 | Pre-Calculus | 5 |
| MATH 261 | Calculus I | 5 |

Elective courses (chosen from the following) 8-10

| | | |
|---|----------------------------|------------|
| CHEM 101 | General Chemistry AND | 5 |
| CHEM 102 | General Chemistry II OR | 5 |
| PHYSICS 006 | General Physics I AND | 4 |
| PHYSICS 007 | General Physics II | 4 |
| Additional LACCD GE plan units | | 18 |
| (21 units, minus 3 units that may be waived from area E for this "high-unit" major) | | |
| Degree-applicable elective units | | 2-4 |
| TOTAL | | 60 |

BUSINESS

BUSINESS DIVISION

(Also see BUSINESS ADMINISTRATION, MANAGEMENT)

The Business Associate of Arts degree is a survey of the fundamental aspects of all phases of business including entrepreneurship, management/leadership, marketing, financial management and institutions, investing through the securities market, and challenges facing global markets.

The Associate of Arts degree in Business is primarily designed for career and technical education and workforce training/development. The Associate of Arts degree in Business provides a broad background of business knowledge which can be applied in most businesses.

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.

Program Learning Outcomes: Upon successful completion of this program, students will be able to...

- Use business formulas to calculate and solve quantitative problems. Analyze financial operations of a typical business. (Corporate Math)
- Adopt a variety of practices that adhere to a company's culture of moral business principals. Maintain trust, confidentiality and business integrity in the workplace. (Corporate Human Resources-HR)
- Maneuver in the operational workflow of an organization through effective use of time management and utilization of appropriate resources. (Corporate Workflow)

BUSINESS (AA)

MAJOR CODE: 0501.00

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|-------------------------|----------------------------------|--------------|
| Required courses | | 35-36 |
| ACCTG 001* | Introductory Accounting I | 5 |
| ACCTG 002* | Introductory Accounting II | 5 |
| CO SCI 901* | Intro to Computers and Their Use | 3 |
| BUS 001* | Introduction to Business | 3 |
| BUS 005 | Business Law I | 3 |
| MGMT 001 | Principles of Management | 3 |
| MGMT 013 | Small Business Entrepreneurship | 3 |
| MKTG 001 | Principles of Selling | 3 |
| MKTG 021 | Principles of Marketing | 3 |

| | | |
|---|------------------------------------|----------|
| Elective units (chosen from the following) | | 3 |
| BUS 031 | Business English | 3 |
| BUS 032 | Business Communications | 3 |
| BUS 038 | Business Computations | 3 |
| MGMT 2 | Organization and Management Theory | 3 |
| FINANCE 2 | Investments | 3 |

* Recommended for students also pursuing Business Administration Associate Degree for Transfer AS-T

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|--|--|-----------|
| Additional LACCD GE plan units | | 18 |
| (21 units, minus 3 major units that may be double-counted as GE) | | |

| | | |
|---|--|------------|
| Degree-applicable elective units | | 3-4 |
|---|--|------------|

| | | |
|--------------|--|-----------|
| TOTAL | | 60 |
|--------------|--|-----------|

BUSINESS (CA)

MAJOR CODE: 0501.00

This program is designed to prepare the student for entry into the business community in such entry-level positions as bookkeeper, accounting clerk, or assistant auditor. Skills required for maintaining records, controlling finances, and preparing financial reports are taught.

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|-------------------------|-------------------------------------|--------------|
| Required courses | | 32-33 |
| ACCTG 001 | Introductory Accounting I OR | 5 |
| ACCTG 021 | Bookkeeping and Accounting I AND | 3 |
| ACCTG 022 | Bookkeeping and Accounting II | 3 |
| CO SCI 901 | Intro to Computers and Their Use | 3 |
| BUS 001 | Introduction to Business | 3 |
| BUS 031 | Business English | 3 |
| BUS 032 | Business Communications | 3 |
| BUS 038 | Business Computations | 3 |
| BUS 005 | Business Law I | 3 |
| MGMT 001 | Principles of Management | 3 |
| MKTG 001 | Principles of Selling | 3 |
| MKTG 021 | Principles of Marketing | 3 |

