

<b>Courses Required for the Major</b>		<b>Units</b>
BUSE 100	Introduction to Business	3
BUSE 101	Business Mathematics	3
BUSE 102	Introduction to Customer Service	3
BUSE 92	Introduction to Business Communication	3
<b>or</b>		
BUSE 119	Business Communications	3
BUSE 150	Human Relations in Business	3
BUSE 155	Small Business Management	3
BUSE 230A	Beginning Small Business Operation	1.5
<b>and</b>		
BUSE 270	Business Internship / Work Experience	2
BUSE 157	Developing a Plan for the Small Business	3
BUSE 230B	Intermediate Small Business Operation	1.5
<b>and</b>		
BUSE 270	Business Internship / Work Experience	2
CBTE 140	Beginning Microsoft Excel	2
MARK 100	Principles of Marketing	3
<b>Select one to two courses from the following:</b>		
BUSE 201	Business Organization and Management	3
BUSE 230C	Advanced Small Business Operation	1.5
<b>and</b>		
BUSE 270	Business Internship / Work Experience	2
MARK 105	Professional Selling	3
MARK 130	Advertising Principles	3
<b>Total Units = 36 – 36.5</b>		

**Note:** Please note that BUSE 230A, BUSE 230B, and BUSE 230C all require concurrent enrollment in a 2-unit, BUSE 270 course.

**The Business Department recommends that students planning to transfer select BUSE 119 instead of BUSE 92.**

Additional general education and graduation requirements for the associate degree are listed in the Academic Requirements section of the catalog. Students who plan to transfer to a four-year college or university should select the Business Studies San Diego State University Transfer option. **The associate degree requires a minimum of 60 units.**

## Associate in Science in Business Administration 2.0 for Transfer Degree:

### Program Description:

The Associate in Science in Business Administration 2.0 for Transfer Degree is intended for students who

plan to complete a bachelor's degree in Business Administration or a related major in the California State University (CSU) system. It is accepted by some but not all CSU campuses. Students who complete this degree and transfer to a participating CSU campus will be required to complete no more than 60 units after transfer to earn a bachelor's degree. It may not be appropriate preparation for students transferring to a CSU campus that does not accept the degree. Students who plan to complete this degree should consult a counselor for additional information about participating CSU campuses as well as university admission, degree, and transfer requirements.

**Note:** Students intending to transfer into this major at a CSU should consult with a counselor and visit [www.assist.org](http://www.assist.org) for guidance on appropriate transfer coursework.

### Award Notes:

- General Education: In addition to the courses listed above, students must complete one of the following general education options:
- The IGETC pattern (page 126) is accepted by all CSU campuses and most UC campuses and majors. It is also accepted by some private/independent or out of state universities.
- The CSU GE pattern (page 134) is accepted by all CSU campuses and some private/independent or out of state universities. It is not accepted by the UC system.
- It is strongly recommended that students consult with a counselor to determine which general education option is most appropriate for their individual educational goals.

The following is required for all AA-T or AS-T degrees:

- Completion of 60 CSU-transferable semester units. No more than 60 units are required.
- Minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework. While a minimum of 2.0 is required for admission, some CSU campuses and majors may require a higher GPA. Please see a counselor for more information.
- Completion of a minimum of 18 semester units in an "AA-T" or "AS-T" major (see list below). All courses in the major must be completed with a grade of "C" or "P" or better.
- Certified completion of the California State University General Education-Breadth pattern

(CSU GE; see page 134 for more information); OR the Intersegmental General Education Transfer Curriculum pattern (IGETC; see page 126 for more information).

Courses Required for the Major:		Units
BUSE 119	Business Communications	3
BUSE 140	Business Law and the Legal Environment	3
ACCT 116A	Financial Accounting	4
ACCT 116B	Managerial Accounting	4
ECON 120	Principles of Macroeconomics	3
ECON 121	Principles of Microeconomics	3

**Select one of the following statistics courses:**

BUSE 115	Statistics for Business	3
MATH 119	Elementary Statistics	3

**Select one of the following calculus courses:**

MATH 121	Basic Techniques of Applied Calculus I	3
MATH 150	Calculus with Analytic Geometry I	5

**Total Units = 26-28**

**Recommended electives:** Computer and Information Sciences 181.

**Note: CISC 181 is an additional major preparation course for many CSU campuses.**

**Electives as needed to meet maximum of 60 units required for the degree.**

## Chemistry

Award Type	Units
<b>Associate of Science Degree:</b>	
Chemistry	39*

\* and courses to meet graduation requirements, general education and electives as needed to meet the minimum of 60 units required for the degree.

### Description

Upon completion of the required courses in chemistry and other requirements for graduation an Associate of Science in Chemistry shall be granted. The Associate of Science in Chemistry is intended for students who plan to complete a bachelor's degree in chemistry or a related major in a four-year university system.

### Program Emphasis

The chemistry program permits students to fulfill the lower division chemistry courses required for

transfer to four-year institutions as well as to acquire the necessary skills and preparation for employment in chemistry and other related fields.

### Career Options

Most careers in chemistry require education beyond the associate degree and many require a graduate degree. A brief list of career options in chemistry includes: biophysicist, biochemist, chemist, earth scientist, environmentalist, chemical engineer, astrochemist, nurse, physician's assistant, chemical technician, sales representative, laboratory specialist, and pharmacist.

### Program Learning Outcomes

Upon successful completion students will be able to:

- Demonstrate an understanding safe handling of chemicals and a respect for chemicals, their properties, and their effect on the environment.
- Demonstrate an awareness of the ways in which different aspects of nature (e.g., our local environment on Earth, the inner workings of the human body, etc.) can be known through and are connected by chemistry.
- Demonstrate and understanding of how chemistry is the study of matter and its changes.
- Demonstrate proficiency in a number of techniques and analyses employed in the chemistry laboratory.

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### Academic Programs

The associate degree in chemistry requires completing the courses listed. Additional general education and graduation requirements for the associate degree are listed in the catalog. **The associate degree requires a minimum of 60 units.**

### Associate of Science Degree: Chemistry

The Associate of Science Degree in Chemistry certifies that the student has emphasized the theory and practice of chemistry and has met the preparation for the major in chemistry.