

# ASSOCIATE IN SCIENCE

## BIOLOGICAL SCIENCES

(65 hrs. min.)

CIP: 26.0101

School of Health and Sciences, (505) 428-1307

This program allows students to develop a degree plan with an emphasis in the biological sciences. Students must work closely with their transfer institutions and their SFCC advisers to ensure the best transition to four-year schools.

### PROGRAM OUTCOMES

Upon completion of this program, students will be able to:

- Formulate hypotheses used in scientific inquiry and apply conceptual and quantitative analysis to scientific problems.
- Communicate and comprehend scientific information.
- Examine, illustrate, and integrate cell theory as a basis for life.
- Demonstrate an understanding of the theory of evolution.

### GENERAL EDUCATION REQUIREMENTS: (34 HRS. MIN.)

#### Communications (9 hrs.)

ENGL 111      Composition and Rhetoric (3)

ENGL 112      Composition and Literature (3)

[or]

ENGL 216      Technical Writing (3)

SPCH 111      Public Speaking (3)

[or]

SPCH 220      Interpersonal Communication (3)

#### Math (7 hrs. min.)

MATH 135      Introduction to Probability and Statistics (3)

MATH 162      Calculus I (4)

[or]

MATH 180      Elements of Calculus I (4)

#### Social/Behavioral Sciences (6 hrs.)

#### Humanities and Fine Arts (6 hrs.)

#### Computers/Technology (4 hrs.)

CISC 111      Introduction to Computer Science (3)

[and]

CISC 111L      Introduction to Computer Science Lab (1)

[or]

OFTC 111      Business Software Essentials I (4)

#### Health, Physical Education and Recreation (HPER) or Dance

(2 hrs. min.)

### CORE REQUIREMENTS: (24 HRS. MIN.)

BIOL 201      Cell Biology (3)

BIOL 201L      Cell Biology Lab (1)

BIOL 202      Genetics (3)

BIOL 202L	Genetics Lab (1)
CHEM 121	General Chemistry I (3)
CHEM 121L	General Chemistry I Lab (1)
CHEM 122	General Chemistry II (3)
CHEM 122L	General Chemistry II Lab (1)
PHYS 121	General Physics I (3)
PHYS 121L	General Physics I Lab (1)
PHYS 122	General Physics II (3)
PHYS 122L	General Physics II Lab (1)

**RELATED REQUIREMENTS: (7 HRS. MIN.)**

Approved science elective (4)

Approved electives (3)

NOTE: See "College Success Course Requirement" on Page 10.

**TOTAL 65 CREDITS MIN.**