

ASSOCIATE IN SCIENCE

BIOLOGICAL SCIENCES

(65 hrs. min.)

CIP: 26.0101

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:

- Employ processes used in scientific inquiry.
- Communicate and comprehend scientific information.
- Apply conceptual and quantitative analysis to scientific problems.
- Examine, illustrate and integrate cell theory as a basis for life.

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)

Humanities (6 hrs.)

Behavioral/Social Sciences (6 hrs.)

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)

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 or Dance (2 hrs. min.)

ASSOCIATE IN SCIENCE DEGREES

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 8.

TOTAL 65 CREDITS MIN.