

ASSOCIATE IN SCIENCE

COMPUTER SCIENCE

(62 hrs. min.)

CIP: 11.0101

This program is designed for students who intend to pursue a bachelor's degree in computer science. It provides students with general education requirements and rigorous courses in software design and programming. Students must work closely with their transfer institution and their SFCC adviser to ensure the best transition to four-year schools.

GENERAL EDUCATION REQUIREMENTS: (45 HRS. MIN.)

Communications (12 hrs.)

ENGL 111 Composition and Rhetoric (3)

ENGL 216 Technical Writing (3)

ENGL 112 Composition and Literature (3)

[and]

SPCH 111 Public Speaking (3)

[or]

SPCH 220 Interpersonal Communications (3)

Satisfaction of College Core Curriculum in Humanities and Behavioral/Social Sciences to total a minimum of 15 total credit hours.

Humanities (6-9 hrs.)

Behavioral/Social Sciences (6-9 hrs.)

Math (11 hrs.)

MATH 154 Math for Computer Science (3)

MATH 162 Calculus I (4)

MATH 163 Calculus II (4)

Science (8 hrs.)

Choose two laboratory sciences in different disciplines.

Health, Physical Education and Recreation or Dance (2 hrs. min.)

CORE REQUIREMENTS: (17 HRS.)

CISC 111	Introduction to Computer Science (3)
CISC 111L	Introduction to Computer Science Lab (1)
CISC 125	Introduction to Programming (4)
CISC 215	Intermediate Programming (3)
CISC 225	Advanced Programming (3)
CISC 227	UNIX Fundamentals (3)

Note: See “College Success Course Requirement” on Page 8.

TOTAL 62 CREDITS MIN.