

**• COMPUTER SCIENCE •**  
**Associate in Science Degree**

LENGTH: Four Semester (Two-Year) Program

PURPOSE: This program is designed for students planning to transfer to a four-year institution and major in Computer Science.

**AREA I WRITTEN COMPOSITION**

ENG 101 & 102 ..... English Composition I & II ..... 6

**AREA II HUMANITIES AND FINE ARTS**

ART 100 *or* MUS 101 ..... Art Appreciation or Music Appreciation ..... 3

ENG 271 & 272 ..... World Literature I & II ..... 6

SPH 107 ..... Fundamentals of Public Speaking ..... 3

**AREA III NATURAL SCIENCES AND MATHEMATICS**

BIO 103 & 104 *or* ..... Principles of Biology I & II *or*

CHM 111 & 112 *or* ..... College Chemistry I & II *or*

PHS 111 & 112 *or* ..... Physical Science I & II *or*

PHY 201 & 202 ..... General Physics I & II\*\* ..... 8

MTH 112 ..... Precalculus Algebra ..... 3

**AREA IV HISTORY, SOCIAL, AND BEHAVIORAL SCIENCES**

HIS 121 & 122 *or* HIS 201 & HIS 202 ..World History I & II *or* American History I & II ..... 6

CHOOSE TWO OF THE FOLLOWING COURSES: ..... 6

ANT 200 ..... Introduction to Anthropology

ECO 231 ..... Principles of Macroeconomics

ECO 232 ..... Principles of Microeconomics

GEO 100 ..... World Regional Geography

POL 211 ..... American National Government

PSY 200 ..... General Psychology *or*

SOC 200 ..... Introduction to Sociology

PHL 106 ..... Introduction to Philosophy

PHL 206 ..... Ethics and Society

**AREA V PRE-PROFESSIONAL, MAJOR, AND ELECTIVE COURSES**

ORI 101 ..... Orientation to College ..... 1

MTH 113 ..... Precalculus Trigonometry ..... 3

MTH 125 & 126 ..... Calculus I & II ..... 8

CHOOSE ONE OF THE FOLLOWING SEQUENCES: ..... 6

CIS 212 & CIS 213 ..... Visual Basic Programming and Advanced Basic Programming

CIS251 & CIS 252 ..... C++ Programming and Advanced C++ Programming

Electives\* ..... General Electives ..... 5

**Total Hours** ..... **64**

\*Students should consult their transfer institution or the Statewide Articulation Committee’s INTERNET based transfer system STARS for approved electives. For more information about STARS go to [www.faulknerstate.edu](http://www.faulknerstate.edu) and click on the STARS icon. See your academic advisor for assistance.

\*\*Students who choose to take CHM111 and CHM112 must take co-requisites CHM121 and CHM122 simultaneously

\*\*Students who choose to take PHY201 and PHY202 must take co-requisites PHY205 and PHY206 simultaneously.