

## COMPUTER SCIENCE

Program Code - AS\_T057

Associate in Science

Areas I-IV core courses are to be chosen from the Jefferson State Approved AGSC General Course Listing.

General Courses .....(60-64 semester hours)

Area I: Written Communication..... 6

Area II: Humanities and Fine Arts ..... 12

\*Literature 3

Arts (A) 3

+Additional Humanities and Fine Arts 3

Complete one course from the following: 3

SPH 106 Fundamentals of Oral Communications

SPH 107 Fundamentals of Public Speaking

Area III: Natural Sciences and Mathematics..... 11

MTH 112 Precalculus Algebra 3

+Natural Sciences 8

**If you take BIO 103, you cannot take BIO 101. If you take BIO 104, you cannot take BIO 102. If you take CHM 111, you cannot take CHM 104. If you take CHM 112, you cannot take CHM 105. If you take PHY 213, you cannot take PHY 201. If you take PHY 214, you cannot take PHY 202.**

Area IV: History, Social, and Behavioral Sciences..... 12

\*History 3

+Additional History, Social, and Behavioral Sciences 9  
(6 hours maximum of history)

\*As a part of the General Studies Curriculum, students must complete a six semester hour sequence either in literature or in history.

Area V: Pre-Professional, Major and Elective

Courses..... 19-23

MTH 113 Precalculus Trigonometry 3

MTH 125S Calculus I 4

MTH 126S Calculus II 4

Complete one course from the following: 3

CIS 251 C++ Programming

CIS 285 Object Oriented Programming

\*\*Additional Hours 8-12

**\*\*The additional hours in Area V must be fulfilled by the requirements of the institution to which the student plans to transfer. Students must print and retain the articulation guide for Computer Science. Failure to do so may result in the program not being transferable.**