

Associate in Science
COMPUTER PROGRAMMING & ANALYSIS
 60 Credit Hours

College Credit Certificate
 Information Technology Support Specialist 18 Credit Hours
 Computer Programming Specialist 18 Credit Hours
 Computer Programmer 33 Credit Hours



Suggested Course Sequencing / 2 Year Plan

AS, COMPUTER PROGRAMMING & ANALYSIS 60 Credit Hours

First Year Fall Term	Credits	Met √	First Year Spring Term	Credits	Met √
Gen Ed: Mathematics (MAC 1105 recommended)	3		CTS 1131 Computer Hardware	3	
CTS 1133 Computer Software	3		PHI 2100 Introduction to Logic	3	
CGS 1100 - Computer Applications for Business	3		Specified Elective (COP, CGS, CTS, CNT, CIS or CAP prefix)	3	
Open Elective (recommended SLS 1515 Cornerstone Experience**)	3		COP 1000 Introduction to Computer Programming	3	
ENC 1101 English Composition I	3		ENC 1102 English Composition II	3	
Total	15		Total	15	

Second Year Fall Term	Credits	Met √	Second Year Spring Term	Credits	Met √
COP 1822 Internet Programming HTML FALL ONLY*	3		COP 2700 Database Programming	3	
COP 2360 C# FALL ONLY*	3		COP 2823 Advanced Web OR COP 2830 HTML II SPRING ONLY*	3	
COP 2800 Java Programming FALL ONLY*	3		COP 2362 C# II SPRING ONLY*	3	
MAN 2021 Management Principles	3		CIS 2321 Systems Analysis and Design SPRING ONLY*	3	
SPC 1017 or SPC 2608	3		Gen Ed: Social Sciences	3	
Total	15		Total	15	

^**CGS 1100** Computer Applications for Business and **CGS 2108** Computer Applications with Flowcharting are equivalent courses. College credit is not applicable for both CGS 1100 & CGS 2108, but either will fulfill the course requirement.

***Indicates course will be offered ONLY in the term listed**

Unless indicated as “ONLY”, courses are scheduled in the terms indicated above and may be offered more frequently.

****College Requirement: Cornerstone Experience SLS 1515** - All incoming degree-seeking students who have earned less than 30 credits are required to take and successfully complete SLS 1515 in the first semester.

Course sequences are formatted to help ensure the most direct path to program completion. Deviation may add to the overall time to complete the degree, as many courses require prerequisites or are not offered every term.

**Some courses have a minimum grade requirement of “C” or better to pass the course for this degree program.*

IMPORTANT NOTICE TO STUDENTS: This document is not to be considered an official program of study, rather a worksheet for preliminary planning purposes. MANY COURSES ARE NOT OFFERED EVERY TERM. Many courses have minimum grade and/or prerequisite requirements as outlined in the college catalog. Students should work with a Student Success Coordinator/Advisor in the School of Business and Technology.