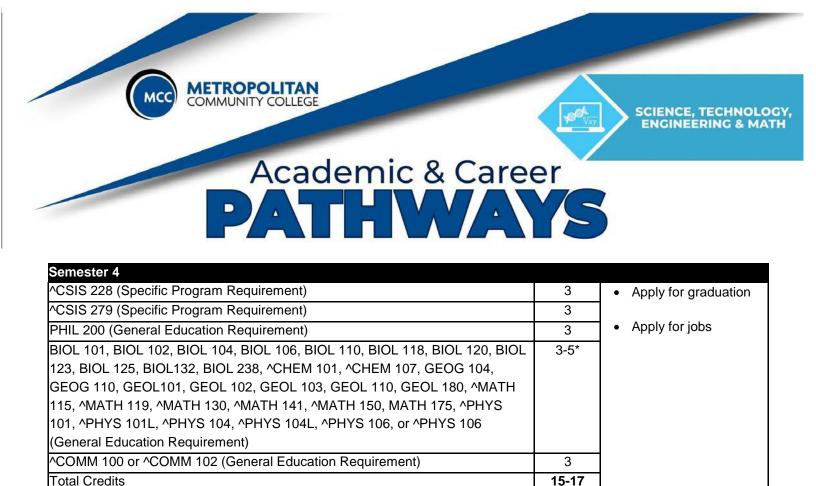


Associate of Applied Science (A.A.S) Computer Science and Information Systems Software Development - Advising Guide

The Software Development A.A.S. degree program prepares students for entry-level employment in the areas of software and web development or for transfer to a four-year school. The software development emphasis offers the following programming language strands delivered in a hands-on format: C++, Java, PHP, JavaScript, Python, HTML, CSS, SQL, Apache, and MySQL.

| Semester 1 | | |
|--|---------|--|
| Course | Credits | Action Items |
| CSIS 110 (Specific Program Requirement) | 3 | Meet with Academic Advisor to build degree plan in Starfish |
| CSIS 115 (Specific Program Requirement) | 3 | |
| ^CSIS 123 (Specific Program Requirement) | 3 | |
| AMATH 120 (General Education Requirement) | 3 | |
| ^ENGL 101 (General Education Requirement) | 3 | |
| Total Credits | 15 | |
| Semester 2 | | |
| ^CSIS 223 (Specific Program Requirement) | 3 | |
| ^CSIS 152 (Specific Program Requirement) | 3 | |
| ^CSIS 161 (Specific Program Requirement) | 3 | |
| ABUSN 105 (Specific Program Requirement) | 3 | |
| ^CSIS 170 (Specific Program Requirement) | 3 | |
| Total Credits | 15 | |
| Semester 3 | | |
| ACSIS 128 (Specific Program Requirement) | 3 | Work with Career Services to develop resume Complete civics exam with 70% or higher |
| ACSIS 222 (Specific Program Requirement) | 3 | |
| ^CSIS 143 (Specific Program Requirement) | 3 | |
| ^CSIS 119 (Specific Program Requirement) | 3 | |
| HIST 120, HIST 121, or POLS 136 (General Education Requirement/Civics) | 3 | |
| Total Credits | 15 | |



*The A.A.S. degree has a minimum of 60 credit hours to graduate. When selecting a course from multiple options, please consider the number of credits for each course to ensure meeting the minimum requirements for graduation.

Credits Required

60*

This Pathway Map is an advising tool designed for full-time students on this A.A.S. degree and identifies the course taking recommendation for timely degree completion. Degree requirements and prerequisite information can be found here: <u>https://mcckc.edu/programs/software-development/index.aspx</u> All students are encouraged to meet with their academic advisor to develop an individualized completion plan that best meets their goals, interests, and objectives.

^Course requires a prerequisite or appropriate placement, see catalog for additional information.