

Certificate of Undergraduate Study (CUGS) Computer Programming

Program Information

The Certificate of Undergraduate Study (CUGS) in Computer Programming is designed to offer students the opportunity of a specialized study to provide students with experience in key courses of this discipline at the undergraduate level.

Certificate of Undergraduate Study in Computer Programming 12 s.h.

Students seeking this CUGS will be required to complete a total of 4 courses. One course from each domain must be completed. This CUGS is **NOT** available to Computer Science majors or Computing and Informatics majors.

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| Domain #1: | S.H. |
| CS 04113 Introduction to Object-Oriented Programming | 3 |
| CS 04103 Computer Science and Programming | 3 |
| Domain #2: | |
| CS 01205 Computer Lab Techniques | 3 |
| Domain #3: | |
| CS 04210 Advanced Programming Workshop | 3 |
| Domain #4: | |
| CS 04225 Principles of Data Structures | 3 |
| CS 10344 Concepts in Computing Technologies | 3 |
| CS 10271 Introduction to Android Programming | 3 |
| CS 10275 Introduction to iOS Application Programming | 3 |