



1. Title: **Software Development**

2. Summary of Goals—Learning Outcomes:

At the completion of the Software Development major a successful student will be able to understand computer programming using Microsoft programming languages and operating systems environments.

Using the Microsoft Development Environment, the successful student shall be able to:

- a. Design and build single-user applications.
- b. Design and build multi-user web-based applications.
- c. Design and build single-user database environments.
- d. Design and build multi-user database environments.

3. Course Listing:

Computer Science G175 Programming with C++	4 Units
Computer Science G102 Survey of Software Development Tools	4 Units
Computer Science G189 Advanced C++	4 Units
Computer Science G177 Visual Basic.net <b>OR</b>	
Computer Science G178 Visual C#	4 Units
Computer Science G196 Programming the Web	4 Units
Required Subtotal	20 units
Completion of GE Requirements	21-41 units
Additional Electives (as needed to reach 60	
Degree Total	<u>60 units</u>