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 OR
   - 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 60 units