



## Schedule of Computer Science Course Offerings for Majors

See the [advisement notes](#) for upcoming exceptions and alternatives.

### **Every Semester**

56.121 Object-Oriented Programming with Java  
56.122 Graphical User Interfaces in Java  
56.123 Visual Basic I  
56.223 Visual Basic II

### **Every Fall**

56.120 Computer Ethics  
56.221 Advanced Java  
56.240 Embedded Systems Languages  
56.350 Organization of Programming Languages  
56.355 Analysis of Algorithms and Data Structures  
56.357 Database Design I

### **Every Spring**

56.255 Data Structures using C++  
56.330 Computer Organization  
56.348 Data Mining  
56.386 Concurrent Programming and Foundations of Operating Systems  
56.480 Object-Oriented Software Engineering

### **Fall – even numbered years**

56.323 Artificial Intelligence  
56.430 Computer Architecture

### **Fall – odd numbered years**

56.375 Local Area Networks  
56.461 Internet Programming

### **Spring – even numbered years**

56.373 Numerical Methods  
56.410 Computer Graphics

### **Spring – odd numbered years**

56.356 Windows Programming  
56.456 Theory of Computation  
56.457 Database Design II