

# New Computer Science Course

## Fall 2014

CS 4995: Special Topics:  
Object-Oriented Languages  
(4 cr, prereq: CS 2511 and CS 3512)

Lecture 9:00-9:50 MWF

Lab 1:00-1:50 Th

Instructor: Dr. Gary Shute

### Course Description:

Examines advanced concepts regarding handling of types, encapsulation, polymorphism, inheritance, and functional programming in modern object-oriented languages. Includes programming with new language features in Java 8 and an introduction to the Scala programming language. This course will also cover some design patterns that are being incorporated into the design of modern object-oriented languages.