

## **Csci 555: Functional Programming**

### **[Computer & Information Science](#)**

The principles and techniques of programming with functions. Purely functional programming languages; recursion; higher-order functions; reduction models; strictness; type systems; list operations; infinite data structures; program synthesis and transformation.

3 Credits

#### **Prerequisites**

- Pre-requisite: CSCI 211 and Math 301 or Graduate Standing

#### **Instruction Type(s)**

- Lecture: Lecture for Csci 555

#### **Subject Areas**

- [Computer Science](#)

