

## 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.

## **Prerequisites**

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

## Instruction Type(s) • Lecture: Lecture for Csci 555

## Subject Areas

• Computer Science

