

# 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**

<u>Computer Science</u>

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