

## 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

- Math 301: Discrete Mathematics \$target.descriptions.MinimumGrade\$
- Prerequisite: Csci 211 OR CIS 211

## Instruction Type(s)

• Lecture: Lecture for Csci 555

## **Subject Areas**

<u>Computer Science</u>

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