

## 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](#)
- Prerequisite: Csci 211 OR CIS 211

#### Instruction Type(s)

- Lecture: Lecture for Csci 555

#### Subject Areas

- [Computer Science](#)

