

## 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

- Prerequisite: Csci 211 OR CIS 211 OR graduate standing
- Prerequisite: Math 301 OR graduate standing

#### Instruction Type(s)

- Lecture: Lecture for Csci 555

#### Subject Areas

- [Computer Science](#)

