

# Csci 550: Program Semantics and Derivation

## Computer & Information Science

A study of formal methods for the specification, derivation, and verification of computer programs. Predicate logic; notations for specification of programs; programming language semantics; calculational techniques for derivation of programs; case studies.

3 Credits

### Prerequisites

- Prerequisite: Junior standing (60 hr).
- Prerequisite: Math 301 or graduate standing
- Prerequisite: Csci 211 or CIS 211 or Csci 356 or CIS 356 or graduate standing.

### Instruction Type(s)

- Lecture: Lecture for Csci 550

### Subject Areas

- [Computer Science](#)

