

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

• Pre-requisite: CSCI 211 and Math 301 or Graduate Standing

Instruction Type(s) • Lecture: Lecture for Csci 550

Subject Areas

<u>Computer Science</u>

The University of Mississippi is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award certificates and baccalaureate, master's, specialist, and doctoral degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097, call 404-679-4500, or visit online at www.sacscoc.org for questions about the accreditation.

