

Csci 433: Algorithm and Data Structure Analysis Computer & Information Science

Study of the design and analysis of algorithms and data structures. The topics include analysis techniques, sorting, searching, advanced data structures, graphs, string matching, and NP-completeness.

3 Credits

- **Prerequisites**
 - Math 301: Discrete Mathematics
 - Prerequisite: Csci 211 (minimum grade C-) OR CIS 211 (minimum grade C-) OR Csci 356 (minimum grade C-).
 - Pre-Requisite: 24 Earned Hours

Instruction Type(s)

• Lecture: Lecture for Csci 433

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.

