

# 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](#) \$target.descriptions.MinimumGrade\$
- 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

- [Computer Science](#)

