

**CS3333 - Data Structures**

*CS 3333* Data Structures (3 semester credit hours) Programming with basic data structures (arrays, stacks, queues, lists, and trees) and their associated algorithms. Various sorting and searching techniques. Fundamental graph algorithms. This course covers much of the same material as *CS 3345* without requiring the analysis of algorithms. May not be used to satisfy degree requirements for majors in Computer Science. Credit cannot be received for both courses, (*CE 2336* or *CS 2336* or *TE 2336*) and *CS 333 3*. Prerequisite: *CS 1335* or (*CE 1337* or *CS 1337* or *TE 1337*) or *CS 3335* or equivalent programming experience. (3-0) Y