

CPSC 211: Data Structures

Continuation of CPSC 111 with additional and more complex data structures defined at the abstract, application, and implementation levels. Topics include basic concepts of data representation, linear lists, strings, arrays, linked lists, stacks, queues and tree structures. Also included is the study of algorithms developed in support of these data structures and for searching and sorting. Object-oriented programming is done using the C++ language.

Credits: 3

Prerequisites:

A minimum grade of C in CPSC 111.

Program: [Computer Science](#)