

CSCI102: Data Structures

Course Coordinator

Claire Bono

Other instructors for course

None

Textbooks and other required materials

Objects, Abstraction, Data Structures, and Design Using C++ by Koffman and Wolfgang, Wiley 2006

Major Topics

1. Algorithm analysis
2. Object-based software development
3. Dynamic data
4. Linked lists, stacks, queues
5. Recursion
6. Binary search trees
7. Sorting
8. Hash tables
9. Graphs
10. Inheritance
11. C++ Standard Template Library