COMP 260. APPLIED ALGORITHMS AND DATASTRUCTURES.

Credits: 3

Offered by: Computer Science (Faculty of Science)

This course is not offered this catalogue year.

Description

Foundational algorithms and data structures with a focus on their implementation and use in data science and applied computer science. Graph, hashing, dynamic programming, parsing, heuristic, and streaming data algorithms. Algorithmic correctness and efficiency. Data storage and memory footprint management. Introduction to relational databases, Unix systems and high-performance computing.

- Prerequisite(s): COMP 250
- Restriction(s): Not open to students who have taken or are taking COMP251 or COMP 252.

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