COMP 252. HONOURS ALGORITHMS AND DATA STRUCTURES.

Credits: 3

Offered by: Computer Science (Faculty of Science)

Terms offered: Winter 2027

View offerings for Winter 2027 (https://vsb.mcgill.ca/vsb/criteria.jsp?term=202701&courses=COMP-252) in Visual Schedule Builder.

Description

The design and analysis of data structures and algorithms. The description of various computational problems and the algorithms that can be used to solve them, along with their associated data structures. Proving the correctness of algorithms and determining their computational complexity.

- 3 hours
- Prerequisite: COMP 250 and either MATH 235 or MATH 240
- Restrictions: (1) Open only to students in Honours programs. (2) Students cannot receive credit for both COMP 251 and COMP 252.
- COMP 252 uses basic combinatorial counting methods that are covered in MATH 240 but not in MATH 235. Students who are unfamiliar with these methods should speak with the instructor for guidance.

Most students use Visual Schedule Builder (VSB) to organize their schedules. VSB helps you plan class schedules, travel time, and more.

Launch Visual Schedule Builder (https://vsb.mcgill.ca/vsb/criteria.jsp)