COMP 561. COMPUTATIONAL BIOLOGY METHODS AND RESEARCH.

Credits: 4

Offered by: Computer Science (Faculty of Science)

Terms offered: Fall 2025

View offerings for Fall 2025 in Visual Schedule Builder.

Description

Application of computer science techniques to problems arising in biology and medicine, techniques for modeling evolution, aligning molecular sequences, predicting structure of a molecule and other problems from computational biology. An in-depth exploration of key research areas.

- 4 hours
- Prerequisites: COMP 251, and MATH 323 or MATH 203 or BIOL 309
- Restriction: Not open to students who have taken or are taking COMP 462.
- Note: Additional work will consist of assignments and of a substantial final project that will require to put in practice the concepts covered in the course.

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