

BINF 621. BIOINFORMATICS: MOLECULAR BIOLOGY.

Credits: 3

Offered by: Plant Science (Graduate Studies)

Terms offered: Winter 2026

[View offerings for Winter 2026 in Visual Schedule Builder.](#)

Description

The main problems related to the analysis of biological sequences (sequence comparison, homology, gene annotation, phylogenetic inference, comparative genomics) and the computational approaches (dynamic programming algorithms, Blast heuristics, hidden Markov models, Bayesian statistics).

- Restriction: Enrolment by students in the Bioinformatics option or by permission from the course coordinators only. Limited to 30 students.

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

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