

BINF 531. STATISTICAL BIOINFORMATICS.

Credits: 3

Offered by: Animal Science (Faculty of Agric Environ Sci)

Terms offered: Winter 2026

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

Description

Underlying concepts and techniques for the analyses of large-scale data sets, generated from "omics" platforms (e.g., metagenomics, metabolomics, transcriptomics, etc.), as well as different approaches for working with high-dimensional data. Students will gain experience in such software packages as R and Bioconductor for statistical analysis and data visualization.

- Prerequisites: AEMA 310 or equivalent; LSCI 204, LSCI 211, LSCI 230, or equivalent
- Restriction: Open to U3 students and above

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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