

BINF 301. INTRODUCTION TO BIOINFORMATICS.

Credits: 3

Offered by: Parasitology (Faculty of Agric Environ Sci)

This course is not offered this catalogue year.

Description

Introduces analysis of DNA, RNA and protein sequences using computer software. Emphasis on implementation of molecular evolution theory for algorithms to make predictions of sequence function and infer the evolutionary history of sequences. Assessing analysis reliability and methods to improve efficiency of computer algorithms and their implications are discussed.

- Prerequisite(s): LSCI 202 or LSCI 204, and ANSC 326
- Restriction: Not open to students who have taken BTEC 501.

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