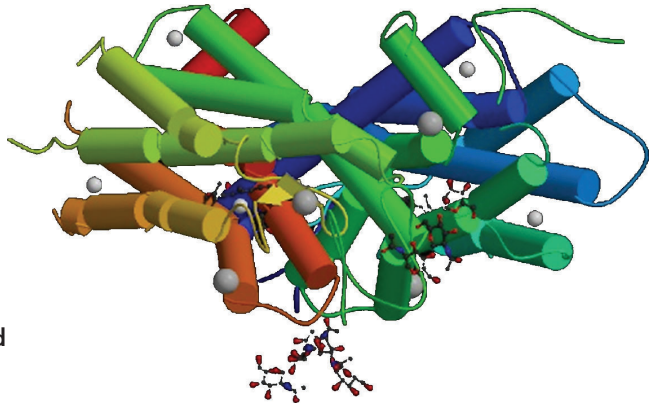
UNDERGRADUATE MINOR IN COMPUTATIONAL BIOLOGY & BIOINFORMATICS

College of Agricultural Sciences and Natural Resources • College of Arts & Sciences • College of Engineering

The Computational Biology and Bioinformatics (CBB) Minor is an interdisciplinary program that prepares students to understand, use, and develop advanced computational methods and tools for processing, visualizing, and analyzing biological data and for modeling biological processes.



Studies in computational biology and bioinformatics involve biosciences, computer science, engineering, mathematics, and statistics. Students will be prepared for careers in biomedical, biotechnology, agricultural, pharmaceutical, and engineering fields and for related graduate studies.

The Computational Biology & Bioinformatics (CBB) Minor requires 13 credit hours from four core courses and a minimum of 5 credit hours from elective courses in Computer Science, Life Sciences, Mathematics, Statistics, and Engineering disciplines.

REQUIRED COURSES:

Core Courses:

Course	Title	Hours
CSCE 155T	Intro. to Computer Science I: Informatics Focus	3
BIOS 237	Basic Application of Bioinformatics	4
STAT 218 or 380	Intro. to Statistics or Statistics and Applications	3
CSCE 311	Data Structures and Algorithms for Informatics	3
TOTAL		13

For curriculum details visit: cbb.unl.edu

CONTACT THE CBB COORDINATOR

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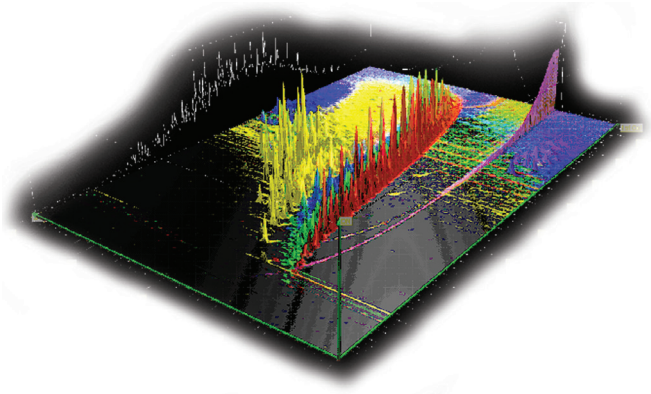

STEERING COMMITTEE:

Etsuko Moriyama, CBB Steering Committee Chair, Biological Sciences

Stephen D. Kachman, Statistics

Stephen E. Reichenbach, Computer Science & Engineering

Jeyamkondan Subbiah, Biological Systems Engineering/Food Science & Technology

University of Nebraska Lincoln