

**Course description:****Discovering Genomics and Bioinformatics (4)**

A problem solving approach to understanding genomics and bioinformatics. Practical use of databases and web-based tools used to study biological problems. Introduction to the algorithms behind these tools. Pr. Biol 450, or CIS 300, and consent of instructor.

Website:

<http://people.cis.ksu.edu/~dcaragea/courses/CIS798-S08.html>

Textbook:

[Understanding Bioinformatics](#)

Marketa Zvelebil and Jeremy Baum

Discovering Genomics and Bioinformatics

CIS 798 or Biol 687

Credit Hours: 3 hours lecture, MWF 1:30-2:20, Nichols 127
2 hours lab, W 2:30-4:30, Nichols 022