

Course Schedule - Fall 2006

Crop Sciences

452 ***Genetics of Higher Organisms*** Credit: 3 hours.

Selected contemporary topics in genetics are covered with examples primarily from plants, humans, and animals. Topics include nature of genes and genomes, mutations and their analysis, allelic diversity, use of recombinant DNA to enhance genetic analysis, structural and functional genomics, molecular marker mapping of quantitative trait loci, marker assisted selection, proteomics, bioinformatics, and transgenics. Prerequisite: CPSC 352, or MCB 106, or consent of instructor.

A few class sessions will meet in addition to regularly scheduled class hours, to be arranged.

CRN	Type	Section	Time	Days	Location	Instructor
30076	lecture-discussion	A	10:00 AM - 11:30 AM	TR	room W223 Turner Hall	Rocheford, T