

**MCB C134 / PMB C134 - Chromosome Biology, Spring 2012 (3 units)**

MW 9-10, Disc F 9-10 or 1-2

**Note: You can enroll in either the MCB or PMB course!**

MCB C134 CCN # 58423

PMB C134 CCN # 70510

Instructors: Cande, Hollick

This course is intended for upper-division undergraduates seeking an interactive course related to one of the fastest moving areas of modern biology. Cell biology and/or genetics are recommended prerequisites.

- Chromosome structure and function
- Cytogenetic abnormalities
- Imaging and analysis
- Transmission genetics
- Epigenetic diseases
- RNA interference
- Gene regulation
- Polyploidization
- Genome organization
- Form and function of heterochromatin
- Dosage compensation

"This is the best class I have ever taken. It was a pleasure!" -Anonymous