

# Syllabus for Math 232B:

## Cohomology

Winter 2012

**Instructor:** Jon McCammond

**Office hours:** TWTh 10-10:50 or by appointment in SH 6711

**E-mail:** [jon.mccammond@math.ucsb.edu](mailto:jon.mccammond@math.ucsb.edu)

**My Home Page:** <http://www.math.ucsb.edu/~jon.mccammond/>

**Course Home Page:**

<http://www.math.ucsb.edu/~jon.mccammond/courses/winter12/232B/>

**Course description:** (4 units) We will cover Chapter 3 in Hatcher, plus a few additional topics. Cohomology groups are the main focus of the course.

**Prerequisite:** Math 232A.

**Textbook:** *Algebraic Topology*, by A. Hatcher, Cambridge University Press  
Available online at <http://www.math.cornell.edu/~hatcher/>

**Grading:** Your grade will be determined by homework scores, one midterm, a comprehensive take-home final exam and your participation in the class. The weights of each of these are as follows.

Homework	Midterm	Final	Participation
30%	30%	30%	10%

**Copyright Information:** Please note that all written and web materials for this course have an implied copyright. In particular, you can xerox (or download) for your own use, but you may not reproduce them for others.