

# Math 500: Graduate Seminar, Spring 2011

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Course URL: <http://www-bcf.usc.edu/~fulman/math500.html>  
Meeting time/schedule: Mondays 3:30-4:30, Wednesdays 3:30-4:30. The location may vary a bit, but the CAMS colloquium and Wednesday colloquia are typically scheduled to be in KAP 414. I'll send out emails with updates.

The seminar is intended especially for the beginning graduate student in mathematics. The purpose is to provide an accessible introduction to some active research topics. There will be expert speakers from a number of different areas.

Expectations: Participants of the seminar are expected to attend the CAMS colloquium talks (which typically meet Mon. 3:30-4:30 in KAP 414; see <http://cams.usc.edu/Colloquia.html> for the detailed schedule), and also the Mathematics Colloquium (which typically meets Wed. 3:30-4:30 in KAP 414; see <http://www-bcf.usc.edu/~fulman/colloquiumindex.html> for the schedule). There will also be many other talks by myself and other department members giving an introduction to some different areas of research; these will typically be held Mon 3:30-4:30, Wed 3:30-4:30 when the other colloquia aren't meeting, but if the colloquium schedule gets too full we will arrange them at other times.

Each student should write three 200 word reports about talks in this course (CAMS or dept. colloquium talks count), due Feb. 23, Mar. 23, and Apr. 13, and also write and type an 8 page exposition on the subject of a talk from this course (due Wednesday, May 4). If you prefer not to write the 8 page exposition, you can give an in-class expository presentation instead (please discuss with me the proposed topic and date of presentation in advance).

Note: The grading for the course is credit/no credit.