

MAT 391: Independent Study In Mathematics

I. Basic Course Information

Independent study, MAT 391, is an upper level course for students interested in studying topics that are not covered in the regularly offered courses. To register for the course a student must contact a faculty member of the department who will serve as a mentor of the independent study. Students must have a 3.0 GPA in their mathematics courses to register for the course.

The faculty mentor and the student will write a proposal explaining the subject matter that will be studied as well as the way the student's work will be assessed. An independent study contract/enrollment form must be prepared by the student, approved by the faculty mentor and the department chairperson, and submitted to the Office of Records and Registration at the time the student registers for the course. Registration for independent study will be accepted only through the first week of the semester.

At most one course unit of Independent Study, Guided Study, or Independent Research may count as one of the Mathematics or Statistics options for a major. The total course load of a student taking Independent Study, Guided Study, or Independent Research should be at most 4.5 course units. Independent Study, Guided Study, or Independent Research courses may not be taken in order to improve a grade, or to replace a course that a student failed to sign up for.

II. Learning Goals

- a. A deep understanding of some selected topics in mathematics
- b. To improve a student's ability to read mathematics

III. Student Assessment

Students will meet with their faculty mentor on a weekly basis. They will be assessed, by the faculty mentor, based on their weekly progress. At the end of the semester students must present the results of their study to the faculty mentor.

IV. Learning Activities

The learning activities will be decided by the faculty mentor. They will be specified in the original proposal submitted to the department chairperson for approval.

Approved: 5/2008

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