Institutional Syllabus

___ New Course
___ Substantive Change in Existing Course

Date of Last Review  9/15/05
Date of Most Recent Approval

I. Course Title: Research in Mathematics

II. Course Prefix/Number: 436

III. Credit Hours: 1.0

IV. Prerequisite(s): Senior Standing and permission of instructor.

V. Catalog Description:
An independent research course. The student will work with a professor on a research project either designed by the student or the professor. The student’s research must result in a professional quality paper or project and a presentation before a group of peers and professors

VI. Curricular Relationships:
The course is not required in a major or minor program. Its purpose is to reflect on a student's transcript the fact that a mathematics research project was completed prior to graduation.

VII. Student Learning Outcomes:
• Students will be able to design and complete an independent research project.
• Students will be able to demonstrate an advanced ability to utilize mathematics.

VIII. Content Outline:
The content varies, depending on the nature of the project.

IX. Course Procedures/Policies/Grading Scale:
The course is graded S/U. It is the responsibility of the student interested in doing a research project to find a faculty member willing to act as mentor. It is the responsibility of the faculty member to evaluate the paper and the presentation and use this information to assign the course grade.

X. Required/Recommended Readings:
None.

XI. Issues Unique to Course:
Students must find a faculty member willing to serve as a project adviser or mentor.

XII. Additional Departmental Issues:
None.