



UCC Document # _____

College Document # COAS 031

Review Type: Edit Exp Full

CATALOG YEAR 2012-2013

COLLEGE/SCHOOL/SECTION: COAS _____

Course: Add: Delete:

(check all that apply) Change: Number Title SCH Description Prerequisite

Response Required: New course will be part of major minor as a required or elective course

Response Required: New course will introduce , reinforce , or apply concepts

If new, provide Course Prefix, Number, Title, **Measurable** Student Learning Outcomes, SCH Value, Description, prerequisite, and lecture/lab hours if applicable. If in current online catalog, provide change and attach text with changes in red and provide a brief justification.

Justification: It is needed to add the course with the title of Graduate Research in Mathematics rather than use Independent Study in Mathematics. In addition, this course will focus on the research topic.

MATH 5195-5695, Graduate Research in Mathematics

One to six semester hours (FL/SP/SS)

Course Descriptions:

Students work on a theoretical or applied research project. The plan of study is negotiated by the faculty member and the student. Course may be repeated under different topic for credit.

Prerequisite: Consent of the instructor and the department. Offer only "Satisfactory/Fail" grades.

Student Learning Outcomes:

Upon successful completion of this course, the student will be able to:

- express themselves both orally and in writing using well-constructed mathematical arguments;
- integrate knowledge and ideas in a coherent and meaningful manner;
- locate and use information for conducting mathematical investigation and/or research;
- work independently towards conducting mathematical research or inquiry;
- present the research problem and any results attained to a knowledgeable audience.

Approvals:

Signature

Date

Chair

Department Curriculum Committee

Chair

Department

Chair

College Curriculum Committee

Dean
