MATH 400    Special Problems for Advanced Undergraduates

1. Catalog Description

   MATH 400    Special Problems for Advanced Undergraduates     (1-4)

   Individual investigation, research, studies, or surveys of selected problems. Total credit limited to 8 units. Prerequisite: Junior standing and consent of department chair.

2. Required Background or Experience

   Students should have completed Math 242 or the equivalent and at least one upper division mathematics course.

3. Learning Objectives

   Students should demonstrate to the supervising instructor a level of mastery appropriate to their joint understanding as to the scope of the proposed undertakings.

4. Text and References

   Any appropriate for the proposed undertakings.

5. Minimum Student Materials

   None.

6. Minimum University Facilities

   Appropriate library resources.

7. Content and Method

   A student will enroll in Math 400 when he or she and a supervising instructor have arranged, in advance of registration, that the student’s proposal for independent study is acceptable to themselves and to the department chair. Content is not standardized, but arranged by each student and his or her supervisor.

   Method

   The supervising instructor shall schedule periodic consultation periods with the student, at which time the student shall demonstrate satisfactory progress towards the goals they have jointly established.

8. Methods of Assessment

   The method of evaluation will be appropriate to the original agreements between the student, the instructor, and the department chair. It may consist, for example, of a terminal written report, or written test, or final oral examination.