REGULATIONS OF THE HONORS PROGRAM IN MATHEMATICS

Introduction

The Honors Program is designed for outstanding students with intellectual initiative and the desire to pursue academic achievement beyond the level of standard course work. Its purpose is to provide these students the opportunity to broaden and deepen their knowledge of the major field.

Admission to the Honors Program

To be eligible for admission to the Honors program a student should have:

1. 18.5 or more units of completed work
2. A cumulative grade point average of at least 3.3;
3. 3.5 or more units in mathematics, at the Math 235-level or higher, with a cumulative grade point average in all such courses of at least 3.3.

A student who does not meet these qualifications may be admitted to the Program with the special recommendation of the student's proposed Honors Project Advisor and the approval of the Mathematics Honors Program Coordinator.

Each application will include a program of study planned in consultation with the proposed Honors Project Advisor and will indicate specifically how the student's Honors Program is to be accomplished. The application, along with an advising copy of the student's transcript, will then be presented to the Coordinator of the Honors Program in Mathematics by about November 15th for the fall term applicant and by about March 15th for the spring term applicant.

Program of Study

Each student's program of study will include at least 3.5 units of Honors course work. Course work may include Honors independent/directed study (i.e. Math 340) courses (in which the student meets at least weekly with one or more professors) and standard courses taken for Honors credit. Standard courses taken for Honors credit may be either (1) courses in the student's regular course of study that require extra work of a kind approved by the course instructor and by the Mathematics Honors Program Coordinator or (2) courses, approved by the Mathematics Honors Program Coordinator, in the student's area of study, that are in addition to any departmental major requirements. Courses of type (1) are the norm. Any program that wishes to incorporate courses of type (2) as part of their Honors requirements must submit significant justification for approval by the Mathematics Honors Program Coordinator. Of the 3.5 units of honors coursework required, no more than 1.5 units can be Math 340.

To demonstrate superior achievement, Honors students are required to submit a written Honors thesis to the Department of Mathematics and Computer Science in time for a final grade to be

submitted to the registrar. At the discretion of the Department, an alternative work that presents a comparable challenge to intellectual initiative and academic achievement may be substituted. All thesis work should be read and evaluated by more than one reader and presented publicly in two venues:

1. Departmental colloquium.
2. Arts and Sciences Student Symposium.

All Honors students are to maintain a grade point average of at least 3.3 while participating in the program. Exceptions require approval by the Mathematics Honors Program Coordinator.

If at any time the student, the student's Honors Project Advisor, or the Mathematics Honors Program Coordinator decides that Honors work should not continue, the student or the Honors Project Advisor should submit a request for withdrawal to the Mathematics Honors Program Coordinator.

Recognition of Honors Work

A student who successfully completes the Honors Program will receive the degree with Departmental Honors, to be noted on the student's permanent record along with the title of the Honors Thesis or comparable work. The student's diploma and the Commencement Program will also indicate achievement of Departmental Honors, and the Honors Thesis or equivalent will be preserved in a separate collection in Boatwright Library.

Special Cases

Double majors who wish to pursue an Honors Program that integrates mathematics with their other field, should consult with the Mathematics Honors Program Coordinator in planning their Honors Program.