

## Fayetteville State University's Honors Program in Mathematics

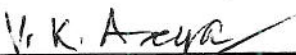
The purpose of the Honors Program in Mathematics is to allow exceptionally able, ambitious, and self-motivated students to do independent, original work, as well as to pursue further study in the field of language and literature.

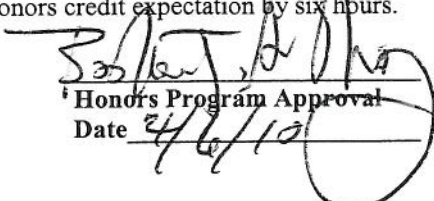
- 1.) **Admission.** Students majoring in Mathematics must complete an *Application for Admission* into the Honors Program ([uncfsuhonors.edu](http://uncfsuhonors.edu)), earn a minimum of 12 semester hours at FSU, and have a cumulative Grade Point Average of 3.3. Applications are accepted only in the spring semester. In addition, the student must secure two letters of recommendation (one of which must be from a college faculty) and write a 250-500 word essay. Admission is based on the student's demonstrated Honors potential at FSU. Transfer students must not have more than 60 semester hours.
- 2.) **Courses.** A grade of "B" or better is required to earn honors credit for the course. (Failure to earn honors credit would not prevent a student from earning course credit with a final grade of "C" or "D"). The department requires that each student sign a contract for each honors course in the major. The contract explains the extra assignments and projects for the honors students enrolled in the course. To maintain eligibility to enroll in honors courses (or seek honors credit in regular classes), students must maintain a minimum cumulative 3.3 Grade Point Average with at least 12 earned hours per semester. Students must complete at least four courses designated as Honors in the University College.
- 3.) **Service Learning Experiences, Events, and Other Extracurricular Activities.** Students in Honors Mathematics are assigned a departmental Honors Coordinator, who will design appropriate service learning experiences (internships, cooperative education, Study-Abroad, student conferences, etc.) in the program.
- 4.) **Certification Requirements.** To graduate with Honors in Mathematics, a student must complete 30 hours of honors credit, 12 of which are at the University College level, and 18 of which are in the major or upper division. The Mathematics honors student must complete the six honors courses from the following courses\* in the major:

MATH 242 Calculus with Analytical Geometry III  
MATH 331 Differential Equations I  
MATH 340 Topics in Mathematics  
MATH 361 Introduction to Modern Algebra I  
MATH 372 Linear Programming  
MATH 450 Selected Topics in Mathematics  
MATH 461 Theory of Real Variables  
MATH 472 Theory of Numbers

\*MATH 362 and MATH 431 may be used to replace MATH 361 and MATH 331, respectively.

In consultation with the department Honors coordinator and the Honors Program director, the student must successfully complete at least three hours of independent research at the Honors level (part of the 18 hours) and write an honors thesis that is approved by two Mathematics faculty and the Honors Program. This requirement may also be satisfied by taking MATH 340 or MATH 450. The student must successfully defend the Honors thesis based on research. Students who participate in a Study-Abroad may earn six credit hours toward their degree, thus reducing the 30 Honors credit expectation by six hours.

  
\_\_\_\_\_  
Department Approval  
Date 4/5/10

  
\_\_\_\_\_  
Honors Program Approval  
Date 4/6/10

## School of Business and Economics Honors Program

The purpose of the SBE Honors Program is to allow exceptionally able, ambitious, and self-motivated students to do independent, original work, as well as to pursue further study in the field of business.

- 1.) **Admission.** Students majoring in any of the SBE degree programs (Accounting, Business Administration, Banking and Finance, or Management Information Systems) must complete an *Application for Admission* into the Honors Program ([uncfsuhonors.edu](http://uncfsuhonors.edu)), earn a minimum of 12 semester hours at FSU, and have a cumulative Grade Point Average of 3.3. Applications are accepted only in the spring semester. In addition, the student must secure two letters of recommendation (one of which must be from a college faculty) and write a 250-500 word essay. Admission is based on the student's demonstrated Honors potential at FSU. Transfer students must not have more than 60 semester hours.
- 2.) **Courses.** Students fulfill the Honors Program requirements through a combination of honors designated coursework (6 credit hours) and an honors thesis (6 credit hours). All Honors students must enroll in MGMT 470 Strategic Management, BADM 490 Small Business Consulting, and a two-semester Honors Thesis course. These courses fall within the major and University degree program requirements. Students must receive a grade of "B" or better in each course. The School requires that each student sign a contract that explains the thesis project. To maintain eligibility to participate in the Honors Program, a student must maintain a minimum cumulative 3.3 Grade Point Average with at least 12 earned hours per semester. Students must complete at least four courses designated as Honors in the University College—one of which must be chosen from the following: SPEE200 OR ENGL 120.
- 3.) **Service Learning Experiences, Events, and Other Extracurricular Activities.** SBE Honors students are assigned to the SBE Honors Coordinator, who will design appropriate service learning experiences (internships, cooperative education, Study-Aboard, student conferences, etc.) in the program.
- 4.) **Certification Requirements.** To graduate with Honors in The SBE, a student must complete 30 hours of honors credit, 12 of which are at the University College level and the remaining from major or upper division courses. Upper division courses include BADM 490 Small Business Consulting, MGMT 470 Strategic Management, two (2) courses from the major (in consultation with the department chair), and a rigorous 6 credit hour (two successive courses) Honors Thesis course. The School will accept one of the two basic types of honors thesis:
  - a. Empirical Research Thesis: A journal style report of the methods, finding, and conclusions drawn from an empirical study. The student will design and conduct the research under the direction of a faculty advisor.
  - b. Library Research Thesis: An integrative and critical review of a significant body of published papers. It may also consist of a critique of significant theories and the elaboration of original theory.