

FLORIDA STATE UNIVERSITY COMBINED BACHELOR'S/MASTER'S DEGREE PROGRAM IN MATHEMATICS

Description. The B.S./M.S. program in mathematics is built on the department's four major options at the graduate level -(pure) mathematics, applied and computational mathematics, biomedical mathematics, and financial mathematics. There are two programs at the undergraduate level, Actuarial Science and Mathematics. In the Mathematics program, there are three major options -(pure) mathematics, applied and computational mathematics, and biomedical mathematics.

With the sharpened focus of university experience, a student from one of the department's undergraduate options might discover mathematical interests and tastes to pursue any one of the graduate options. It is possible to combine any one of the department's undergraduate options with any one of the department's graduate options ("double counting").

This combined degree program allows the motivated and focused student to complete both bachelors and master's degrees in 9 to 11 semesters. Up to 12 hours of required courses in a master's option may be dual-eligible for credit toward the bachelor's degree.

Early Advisement. An undergraduate student wishing to enroll in a combined B.S./M.S. program should seek planning advice in the second or third semester of residence rather than waiting until the 60 hours required to be eligible for admission. A departmental file will be established to track progress and the student encouraged to take courses in the major each term. Early planning is essential if maximum advantage is to be taken of the possibility of dual-eligible hours.

Admission requirements. (See also Early Advisement.)

Before admission to the combined degree program, the student will show:

1. At least 3 hours of mathematics courses which have a calculus prerequisite and are beyond sequence calculus; a GPA of at least 3.2 in courses at and above MAC 2311 level.
2. A minimum of 3.0 GPA at FSU and at least 60 semester hours of credit in the undergraduate program of which at least 24 hours was completed at FSU.

Application process. New students apply through the Office of Admissions. Current students apply through the department; acceptance requires approval of the graduate area director and the Associate Chair for Graduate Studies.

Registration process. A student must check with the department prior to registration each semester; follow the standard registration process for graduate-level courses. Careful planning and strategy is necessary to assure graduate preparation and effective

use of “double counting”.

Curriculum (Required, Core and Elective Courses). Requirements will follow the guidelines by area available at the departmental office and online for the B.S./M.S. pairing chosen by the student.

- Hour requirements and all guidelines in effect for one of the four M.S. options must be satisfied on either dual-eligible or graduate student basis (as in effect at the time of the application).

- Up to 12 hours of graduate-numbered M.S. courses (no grade below B-) may be substituted for hours in the B.S. with approval of the area B.S. and M.S. advisors in consultation. The B.S. may be awarded as soon as requirements are satisfied and there is no obligation for the student to continue to the M.S.

- The credits to be double-counted will be designated as applicable to the graduate program after the student receives the bachelor's degree and matriculates in the Graduate School. The overall GPA of the credits to be double-counted must be at least 3.0. Directed Individual study, internships, or courses given credit by examination are not eligible for dual-eligible credit.

Approved graduate courses that are dual-eligible. Any graduate course listed in the "Guidelines" (requirements) for the chosen M.S. option may be taken at the undergraduate level and dual counted, provided that the student has prerequisite course(s) or special permission to waive prerequisite(s). Individual study, internships, or courses given credit by examination are not eligible for dual-eligible credit.

Graduate matriculation and standardized tests. GPA and GRE requirements for admission to the graduate program are parallel with those then in effect for the department.

Fee per course/credit hour. Fees are parallel to that of the standard undergraduate and graduate-level courses.

Course locations. Tallahassee campus.

For information. The student may begin consideration of the combined degrees by contacting the department academic advisor, the director of the mathematical area intended for the M.S., the Associate Chair, or the Associate Chair for Graduate Studies.

