MATHEMATICAL SUBJECTS

Area F Learning Outcomes

Upon successful completion of the recommended Area F in Mathematics:

1. Students will demonstrate the ability to model and solve problems using knowledge and techniques of multivariate Calculus.
2. Students will demonstrate sufficient knowledge in mathematics or related fields for entry into upper division courses in mathematics.

Approved: February 2011

Area F Course Guidelines

Area F for majors in Mathematics consist of 18 hours of lower-level (1000- and 2000-level) courses related to the program of study and/or prerequisite to higher level courses required in the major:

Calculus (Student must complete course work including, but not restricted to, a study of limits, differentiation, integration, sequences, series, multiple integrals and partial derivatives)	6-12 hours
Guided Electives (Each institution should specify a list of courses from which the electives are to be chosen)	6-12 hours