

Requirements for Statistics Concentration

The Statistics concentration may be tailored in accordance with student's interests, which typically involve a second major such as Marketing or Finance.

A total of five credit units are required, with at least 3 credit units from Statistics. STAT 621 may contribute 0.5 credit units.

Courses taken Pass/Fail basis cannot be counted toward the major. Courses that are not listed as MBA courses (typically denoted by a 700 number) do not count toward the MBA GPA.

Courses in Statistics

The following courses offered by the Department of Statistics are eligible for the major:

STAT 430 Probability
STAT 434 Financial and Economic Time Series
STAT 433 Stochastic Processes
STAT 510 Probability and Statistics for Business and Economics
STAT 511 Statistics for Business and Economics
STAT 540 Statistical Methods and Computation
STAT 550 Mathematical Statistics
STAT 622 Statistical Modeling
STAT 701 Advanced Statistics for Management
STAT 711 Forecasting Methods for Management
STAT 712 Decision Making Under Uncertainty
STAT 910 Forecasting and Time Series Analysis
STAT 920 Sample Survey Methods
STAT 925 Multivariate Analysis

Courses in Other Departments

Some courses offered by other departments are permitted. The list below is meant to be suggestive; any courses (including these) outside those offered by the Department of Statistics must be approved.

Marketing

MKTG 756 Marketing Research
MKTG 776 Applied Probability Models in Marketing

Finance

FNCE 717 Financial Derivatives
FNCE 720 Investment Management
FNCE 725 Fixed Income Securities

Operations (OPIM)

OPIM 653 Mathematical Modeling and its Application in Finance

Insurance

INSR 831 Applied Statistical Methods for Actuaries
INSR 833 Actuarial Statistics

Examples

As an illustration, the following collection of courses is appropriate for a student with interests in Finance who also wishes to have a concentration in Statistics (4 c.u. in Statistics):

STAT 621 Statistical Methods for Managers (core, 1/2 c.u.)
STAT 622 Statistical Methods (1/2 c.u.)
STAT 434 Financial Time Series
STAT 510 Probability and Statistics
STAT 711 Forecasting
FNCE 717 Financial Derivatives

For a student with interests in Marketing, these courses would be suitable for a concentration in Statistics (3 c.u. in Statistics):

STAT 621 Statistical Methods for Managers (core, 1/2 c.u.)
STAT 622 Statistical Methods (1/2 c.u.)
STAT 510 Probability and Statistics
STAT 920 Sample Survey Methods
MKTG 756 Marketing Research
MKTG 776 Applied Probability Models