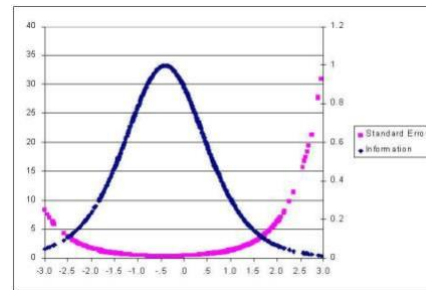


Measurement, Evaluation, and Statistics

Department of Human Development
Teachers College, Columbia University
2024-2025



M.S. APPLIED STATISTICS

Major Code: **STAT**

Program Requirements Worksheet

Master of Science – 32 points

The M.S. degree requires at least one year of study. In addition to the satisfactory completion of course work, a culminating project is required.

Statistics Requirement (27 points):

The following courses are required (in special circumstances, substitute courses may be approved by the Sponsor):

Course	Title	Semester taken (or to be taken)	Points	Grade C or higher? (\sqrt{X})
HUDM 4125	Statistical inference (3)			
HUDM 5126	Linear models and regression analysis (3)*			
HUDM 5150	Statistical Careers, Communication, and Capstone (3)**			
HUDM 6026	Computational statistics (3)			
At least one of:				
HUDM 5123	Linear models and experimental design (3)			
HUDM 6030	Multilevel and longitudinal data analysis (3)			
At least one of:				
HUDM 6055	Latent structure analysis (3)			
HUDM 6122	Multivariate analysis (3)			

*Under special circumstances HUDM 5122 may be substituted for HUDM 5126; advisor approval is required.

**This should be taken in the last Fall semester of study. This course includes completion of a culminating project.

Statistics Electives:

Other advanced statistics courses offered by the program or by other departments/schools of Columbia University may be selected, in consultation with the advisor, to complete the 27-point requirement. Examples of candidate courses include: HUDM 5026 Introduction to Data Analysis and Graphics in R, HUDM 5059 Psychological Measurement, HUDM 5124 Multidimensional Scaling and Clustering, HUDM 5133 Causal Inference and Program Evaluation

Course	Title	Semester taken	Points	Grade C or higher? (√/X)

Breadth Requirement (6 points):

At least 2 courses must be taken at Teachers College from outside the Program in Measurement, Evaluation, and Statistics.

Course	Title	Semester taken	Points	Grade C or higher? (√/X)

Electives/Additional coursework:

Electives may be taken from any discipline in order to satisfy the 32 point requirement.

Course	Title	Semester taken	Points	Grade C or higher? (√/X)

Culminating Experience:

A special project conducted in consultation with an advisor.

Completion date (expected or actual)	Topic approved?	by faculty member:	Topic approval date:

Transfer Credit

At least 20 points must be earned in Teachers College courses. The remaining coursework, through Teachers College registration, may be completed in Teachers College or other graduate divisions of the University, but no more than 12 points of graduate credit from other faculties of the University will be credited toward the minimum point requirement. Graduate level courses in the University are numbered from 4000 and above. For the M.S. degree, no transfer credit is granted for work completed at other universities.

SATISFACTORY PROGRESS

Students must also make satisfactory progress towards completion of the degree. A grade of C- or lower may result in dismissal from the program.