

Department of Applied Statistics, Social Science, and Humanities
GEASSRMS Applied Statistics for Social Science Research (MS)

Program of Study

2022-2023

Total Units Required		34-44		
Required Courses		Choose one of the following concentrations (8 units minimum):		
Core Requirements		8		
		<i>General Applied Statistics: 3 or more APSTA-GE courses not taken to fulfill another requirement totaling at least 8 credits.</i>		
Course Number	Course Title	Units		
APSTA-GE 2003	Intermediate Quantitative Methods: The General Linear Model*	3	Computational Methods Concentration (8 units)	
OR				
STAT-GB 2301	Regression/Multivariate Data Analysis	3	Course Number	Course Title
APSTA-GE 2004	Topics in Multivariate Analysis	2	APSTA-GE 2011	Supervised and Unsupervised Machine Learnin
APSTA-GE 2331	Data Science for Social Impact	3	APSTA-GE 2122	Frequentist Inference
APSTA-GE 2012	Causal Inference	3	AND 2 of the following 3 courses:	
Course Number	Course Title	Units		
APSTA-GE 2352	Practicum in Applied Statistics: Statistical Computing**	2	APSTA-GE 2123	Bayesian Inference
APSTA-GE 2042 or APSTA-GE 2040	Multilevel Models: Nested Data or Multilevel Models: Growth Curves	2	APSTA-GE 2013	Missing Data
APSTA-GE 2139	Survey Research Methods	3	APSTA-GE 2017	Education Data Science Practicum
OR			Data Science for Social Impact Concentration (8 units)	
APSTA-GE 2134	Experimental and Quasi-Experimental Design	3	Course Number	Course Title
APSTA-GE 2044	Generalized Linear Models and Extensions	2	APSTA-GE 2011	Supervised and Unsupervised Machine Learnin
APSTA-GE 2351	Practicum in Applied Statistics: Applied Probability*	3	APSTA-GE 2062	Ethics of Data Science
Electives		3	APSTA-GE 2355	Data Science Translation
Each student must have at least 8 elective credits, 4 of which must be APSTA-GE.			Culminating Experience	
Minimum of 10 elective credits for those that take APSTA-GE 2310 for 0 credits.			Course Number	Course Title
Program Electives		12	APSTA-GE 2310	Internship***
4-10 credits of APSTA-GE courses; not taken to meet any other requirement.			APSTA-GE 2401	Statistical Consulting Research Seminar
Unrestricted Electives		12		
0-6 credits of any NYU graduate level courses. May opt for all APSTA-GE electives.				

* indicates that the student with equivalent prior coursework may place out of this course.

** indicates that a student with significant experience may qualify for reduced credit or may place out of this course.

*** indicates that if taken for 0 credits, credits must be made up via electives; may be waived if student has significant professional experience in the field.