

Department of Applied Statistics, Social Science, and Humanities
 GEASSRDMS Applied Statistics (MS) + Wagner Public Policy (MPA) Dual Degree
 Program of Study
 2022-2023

Total Units Required = 65					
Applied Statistics Coursework			Public and Non profit Management and Policy Coursework		
Core Courses			Core Courses		
Course Number	Course Title	Units	Course Number	Course Title	Units
APSTA-GE 2003*	Intermediate Quantitative Methods: General Linear Model* or alternative by advisement*	3	CORE-GP 1018*	Microeconomics for Public Management, Planning, and Policy Analysis*	3
APSTA-GE 2004	Advanced Modeling I: Topics in Multivariate Analysis	2	CORE-GP 1020*	Management and Leadership*	3
APSTA-GE 2012	Causal Inference	3	CORE-GP 1021	Financial Management for Public, Nonprofit, and Health Organizations	3
APSTA-GE 2040 OR APSTA 2042	Multilevel Modeling: Growth Curve OR Multilevel Modeling: Nested and Longitudinal Data	2	CORE-GP 1022	Introduction to Public Policy	3
APSTA-GE 2044	Generalized Linear Models and Extensions	2	Public and Non-profit Management and Policy Concentration		6
APSTA-GE 2134 OR APSTA-GE 2139	Experimental and Quasi-Experimental Design OR Survey Research Methods	3	Course Number	Course Title	Units
APSTA-GE 2331	Data Science for Social Impact	3	PADM-GP 2140	Public Economics	3
APSTA-GE 2351	Practicum in Applied Statistics: Applied Probability	3	PADM-GP 2171	Evaluating Programs and Policies	3
APSTA-GE 2352	Practicum in Applied Statistics: Statistical Computing	2	<i>APSTA-GE 2003 Intermediate Quantitative Methods: General Linear Model or alternative by advisement*</i>		
Applied Statistics Concentration		8	Required Wagner elective courses		
APSTA-GE 2011*	Supervised and Unsupervised Machine Learning*	2	alternative by advi		
APSTA-GE 2062*	Ethics of Data Science*	3	Course Title	Units	
APSTA-GE 2355*	Data Science Translation: Writing, Speaking, and Visualization*	3	PADM-GP 2141	Policy Formation	3
APSTA-GE 2355*	Data Science Translation: Writing, Speaking, and Visualization*	3	PADM-GP XXXX	Wagner Course Electives - 6 units	6
Applied Statistics restricted elective courses		4	Culminating Project Requirements (3 units double counted)		
APSTA-GE XXXX*	Missing Data*	2	Course Number	Course Title	Units
APSTA-GE XXXX*	Applied Statistics Course Electives	2	CAP-GP 3401* OR CAP-GP 3148*	Capstone: Advanced Projects in Policy, Management, Finance, and Advocacy I OR Capstone: Advanced Research Projects in Quantitative Analysis I	1.5
APSTA-GE XXXX*	Applied Statistics Course Electives	2	CAP-GP 3402* OR CAP-GP 3149*	Capstone: Advanced Projects in Policy, Management, Finance, and Advocacy II OR Capstone: Advanced Research Projects in Quantitative Analysis II	1.5
Culminating Experience		0			
APSTA-GE 2310 ²	Internship	0			

*satisfies requirements in both the Applied Statistics and Public Policy components of the dual degree program

¹ Indicates that the student with equivalent prior course work may place out of this course.

² Students in dual degree program take this course for 0 credits