

Department of Applied Statistics, Social Science, and Humanities
GEASSRDMS Applied Statistics (MS) + Wagner Public Policy (MPA) Dual Degree
Program of Study
2021-2022

Total Units Required = 65					
Applied Statistics Core Courses			Public Policy Required 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 Policy Concentration		9
APSTA-GE 2134	Experimental and Quasi-Experimental Design	3	Course Number	Course Title	Units
APSTA-GE 2331	Data Science for Social Impact	3	PADM-GP 2140	Public Economics	3
APSTA-GE 2351 ¹	Practicum in Applied Statistics: Applied Probability ¹	3	PADM-GP 2171	Evaluating Programs and Policies	3
APSTA-GE 2352	Practicum in Applied Statistics: Statistical Computing	2	APSTA-GE 2003*	Intermediate Quantitative Methods: General Linear Model* or alternative by advisement*	3
Applied Statistics Concentration		8	Required Wagner elective courses		9
Course Number	Course Title	Units	Course Number	Course Title	Units
APSTA-GE 2011*	Supervised and Unsupervised Machine Learning*	2	PADM-GP 2141	Policy Formation	3
APSTA-GE 2062*	Ethics of Data Science*	3	PADM-GP XXXX	Wagner Course Electives - 6 units	6
APSTA-GE 2355*	Data Science Translation: Writing, Speaking, and Visualization*	3			
Applied Statistics restricted elective courses		10	Culminating Project Requirements (3 units double counted)		3
Course Number	Course Title	Units	Course Number	Course Title	Units
APSTA-GE 2013*	Missing Data*	2	CAP-GP 3401*	Capstone: Advanced Projects in Policy, Management, Finance, and Advocacy I	1.5
APSTA-GE XXXX**	Applied Statistics Course Electives - 8 units	8	CAP-GP 3402*	Capstone: Advanced Projects in Policy, Management, Finance, and Advocacy II	1.5
Culminating Experience		0	OR		
Course Number	Course Title	Units	CAP-GP 3148*	Capstone: Advanced Research Projects in Quantitative Analysis I	1.5
APSTA-GE 2310 ²	Internship ²	0	CAP-GP 3149*	Capstone: Advanced Research Projects in Quantitative Analysis II	1.5

*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