Food Systems Modeling

Friedman Core*

Nutrition science	Quantitative reasoning	Policy and programs	Experiential learning	Friedman Seminar
NUTR 202: Fundamentals of Nutrition Science	NUTR 207: Statistical Methods in Nutrition Science and Policy		Internship directed study, practicum, job, or other non-classroom experience	2 semesters of Friedman Seminar Course
1 course, 3 credits	*1 course, 3 credits*	*n/a*	*Minimum of 120 hours*	*2 semesters, 1.5 credits each*

Specialization Requirements

Required courses**	Recommended courses	Related courses
NUTR 231: Fundamentals of Graphic Information Systems (GIS)	NUTR 307: Regression Analysis for Nutrition Science and Policy	NUTR 233/333: Agricultural Science and Policy I / II
NUTR 331: Environmental Lifecycle Assessment	NUTR 278: Corporate Social Responsibility in the Food Industry	NUTR 341: Environmental Economics of Food and Agriculture
NUTR 342: Food Systems Modeling and Analysis		NUTR 346: Simulating Biophysical Processes
*Applied Systems Thinking to Agriculture and Food Systems**		NUTR 285: Food Justice: Critical Approaches in Policy and Planning
		DHP P288: Climate Change: Risk and Adaptation for Food Systems and Beyond

Skills and Knowledge Gained

Quantifying environmental impact of food production and distribution; quantifying the relationship between food and nutrition needs and food production at different scales; spatial analysis of food production and access

*Please speak with your advisor or the Dean for Education if you would like to request an exemption or substitution.
***Course in development; not yet required*