

Food Systems Modeling

Friedman Core*

Nutrition science	Quantitative reasoning	Policy and programs	Experiential learning
NUTR or NUTC 202: Fundamentals of Nutrition Science	NUTR 207: Statistical Methods in Nutrition Science and Policy		Internship directed study, practicum, job, or other non-classroom experience
<i>1 course, (3CR, FALL/SPR/SUM)</i>	<i>1 course, (3CR, FALL)</i>	<i>n/a</i>	<i>Minimum of 120 hours</i>

Specialization Requirements

Required courses**	Recommended courses	Related courses
NUTR 231: Fundamentals of Geographic Information Systems (GIS) • 3CR, FALL NUTR 331: Environmental Lifecycle Assessment • 3CR, SPR NUTR 342: Food Systems Modeling and Analysis • 3CR, SPR	NUTR 278: Corporate Social Responsibility in the Food Industry • 3CR, SPR NUTR 307: Regression Analysis for Nutrition Science and Policy • 3CR, SPR	NUTR 285: Food Justice: Critical Approaches in Policy and Planning • 3CR, FALL NUTR 346: Simulating Biophysical Processes • 3CR, FALL NUTR 233/333: Agricultural Science and Policy I / II • 3CR, SPR/FALL NUTR 256: Climate Change: Risk, and Adaptation for Food Systems • 3CR, SPR NUTR 341: Environmental Economics of Food and Agriculture • 3CR, SPR

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.