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
1 course, **(3CR, FALL/SPR/SUM)**	*1 course,* **(3CR, FALL)**	*n/a*	*Minimum of 120 hours*

Specialization Requirements

Required 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**

Recommended courses

NUTR 278: Corporate Social Responsibility in the Food Industry • **3CR, SPR**

NUTR 307: Regression Analysis for Nutrition Science and Policy • **3CR, SPR**

Related courses

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.
Please note: The courses listed here and their availability may be subject to change. Please check SIS for current course offering.