Food Systems Modeling

Friedman Core*

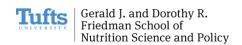
| Nutrition science | Quantitative reasoning | Policy and programs | Experiential learning | Friedman Seminar |
|---|---|---------------------|---|--|
| NUTR 202: Fundamentals of Nutrition Science | NUTR 207: Statistical Methods in Nutrition Science and Policy | | Internship directed study, practicum, 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 | NUTR 307: Regression Analysis for Nutrition Science and Policy | NUTR 233/333: Agricultural Science and Policy I / II | |
| (GIS) 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