

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 |
| <i>1 course, 3 credits</i> | <i>1 course, 3 credits</i> | <i>n/a</i> | <i>Minimum of 120 hours</i> | <i>2 semesters, 1.5 credits each</i> |

Specialization Requirements

| Required courses** | Recommended courses | Related courses |
|--|--|--|
| NUTR 231: Fundamentals of Graphic Information Systems (GIS) NUTR 331: Environmental Lifecycle Assessment NUTR 342: Food Systems Modeling and Analysis <i>Applied Systems Thinking to agriculture and Food Systems**</i> | NUTR 307: Regression Analysis for Nutrition Science and Policy NUTR 278: Corporate Social Responsibility in the Food Industry | NUTR 233/333: Agricultural Science and Policy I / II NUTR 341: Environmental Economics of Food and Agriculture NUTR 346: Simulating Biophysical Processes 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



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