Specializations and Course Listings

Tufts University | Gerald J. and Dorothy R. Friedman School of Nutrition Science and Policy

Friedman Online Core*

Nutrition science*	Quantitative reasoning	Policy and programs	Experiential learning
NUTC 202: Foundations of Nutrition Science **OR** NUTR 245 & 246: Scientific Basis for Nutrition, Micro & Macronutrients **OR** NUTR 370/371: Nutritional Biochemistry and Physiology: Macro & Micronutrients	NUTR ON 250: Statistical Methods for Health Professionals I	Understanding mechanisms and functions of policy processes and initiatives (e.g., laws, regulations, programs). Courses that fulfill the requirement are indicated by double asterisk (**) below.	Hands-on practical experience to enhance the in-class learning experience
1-2 courses **3-6CR, FALL/SPR**	*1 course* **3CR, FALL**	*1 course,* **3CR, VARIES**	*Minimum of 120 hours*

Course Options by Specialization

Nutrition Science and Policy

NUTR ON 219: Food Science Fundamentals • **1.5CR, FALL**

NUTR ON 243: Nutrition, Brain, and Behavior • **1.5CR, FALL**

NUTR ON 204: Epidemiology for Nutrition Professionals • **3CR, SPR**

NUTR ON 227: Global Nutrition Programs** • **3CR, SPR**

NUTR ON 238: Economics of Food, Agriculture and Nutrition** • **3CR, SPR**

NUTR ON 350: Statistical Methods for Health Professionals II • **3CR, SPR**

NUTR ON 206: Global Food and Nutrition Policy** • **3CR, SUM**

NUTR ON or NUTC 211: Theories of Behavior Change • **3CR, SUM/SPR**

NUTR ON 316: Advanced Medical Nutrition Therapy • **3CR, SUM**

NUTR ON 300: Thesis: Research Methods and Proposal Writing Practicum • **3CR, SUM**

Climate, Sustainability, and Food

NUTC 261: Sustainability on the Farm • **3CR, FALL**

NUTR ON 256: Climate Change: Risk and Adaptation for Food Systems and Beyond • **3CR, FALL**

NUTC 262: Sustainable Food Systems and Markets • **3CR, SPR**

NUTR ON234: Climate, Agriculture, and Food Policy** • **3CR, SPR**

NUTC 263: Sustainability and the Food Consumer • **3CR, SUM**

* Please speak with your advisor prior to registration to determine the appropriate nutrition course(s) for your specialization. Some courses may require prerequisites beyond the school-wide requirements (e.g., graduate or undergraduate general biochemistry; see full list here); please contact the Dean for Education for more information, or if you would like to request an exemption or substitution from any of the core courses

NUTR 203: Fundamentals of Nutrition Policy & Programming; NUTR ON 206: Global Food and Nutrition Policy; NUTR ON 222: Gender and Intersectional Analysis in Humanitarian Assistance ***AND* NUTR ON 223: Protection in Humanitarian Assistance; NUTR ON 227: Global Nutrition Programs; NUTR ON234: Climate, Agriculture, and Food Policy; or NUTR ON 238: Economics of Food, Agriculture and Nutrition

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

Specializations and Course Listings

Tufts University | Gerald J. and Dorothy R. Friedman School of Nutrition Science and Policy

Friedman Online Core*

Nutrition science*	Quantitative reasoning	Policy and programs	Experiential learning
NUTC 202: Foundations of Nutrition Science **OR** NUTR 245 & 246: Scientific Basis for Nutrition, Micro & Macronutrients **OR** NUTR 370/371: Nutritional Biochemistry and Physiology: Macro & Micronutrients	NUTR ON 250: Statistical Methods for Health Professionals I	Understanding mechanisms and functions of policy processes and initiatives (e.g., laws, regulations, programs). Courses that fulfill the requirement are indicated by double asterisk (**) below.	Hands-on practical experience to enhance the in-class learning experience
1-2 courses, 3-6 credits	*1 course, 3 credits*	*1 course, 3 credits*	*Minimum of 120 hours*

Course Options by Specialization

Data Analytics and AI

NUTR ON 250: Statistical Methods for Health Professionals I • **3CR, FALL**

NUTR ON390: Introduction to AI-Based Applications for Nutrition and Health Research • **3CR, FALL**

NUTR ON 350: Statistical Methods for Health Professionals II • **3CR, SPR**

NUTR ON393: Data Visualization • **3CR, SPR**

NUTR ON237: Data Management Using SAS • **3CR, SUM**

Humanitarian Assistance

NUTR ON222: Gender and Intersectional Analysis in Humanitarian Assistance** • **1.5 CR, FALL**

NUTR ON223: Protection in Humanitarian Assistance** • **1.5 CR, FALL**

NUTR ON 236: International Law and Humanitarian Assistance • **1.5 CR, FALL**

NUTR ON 256: Climate Change: Risk and Adaptation in Food Systems and Beyond• **3 CR, FALL**

NUTR ON229: Humanitarian Action: Past, Present, Future • **3 CR, SPR**

NUTR ON339: Livelihoods, Food Security and Nutrition • **1.5 CR, SPR**

NUTR ON340: Famine, Severe Food Insecurity and Mass Starvation • **1.5 CR, SPR**

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NUTR 203: Fundamentals of Nutrition Policy & Programming; NUTR ON 206: Global Food and Nutrition Policy; NUTR ON 222: Gender and Intersectional Analysis in Humanitarian Assistance ***AND* NUTR ON 223: Protection in Humanitarian Assistance; NUTR ON 227: Global Nutrition Programs; NUTR ON234: Climate, Agriculture, and Food Policy; or NUTR ON 238: Economics of Food, Agriculture and Nutrition

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Specializations and Course Listings

Tufts University | Gerald J. and Dorothy R. Friedman School of Nutrition Science and Policy

Friedman Online Core*

Nutrition science*	Quantitative reasoning	Policy and programs	Experiential learning
NUTR 245 & 246: Scientific Basis for Nutrition, Micro & Macronutrients **OR** NUTR 370/371: Nutritional Biochemistry and Physiology: Macro & Micronutrients	NUTR ON 250: Statistical Methods for Health Professionals I	Understanding mechanisms and functions of policy processes and initiatives (e.g., laws, regulations, programs). Courses that fulfill the requirement are indicated by double asterisk (**) below.	Hands-on practical experience to enhance the in-class learning experience
2 courses, 6 credits	*1 course, 3 credits*	*1-2 courses, 3 credits*	*Minimum of 120 hours*

Course Options by Specialization

Nutrition Communication

NUTR 322: Writing Well About Food and Nutrition • **3CR, FALL**

NUTR ON or NUTC 211: Theories of Behavior Change and Their Application in Nutrition and Public Health Interventions • **3CR, SPR/SUM**

NUTR 218: Communications Strategies in Nutrition and Health Promotion • **3CR, SPR**

NUTR 393: Data Visualization and Effective Communication • **3CR, SPR**

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NUTR 203: Fundamentals of Nutrition Policy & Programming; NUTR ON 206: Global Food and Nutrition Policy; NUTR ON 222: Gender and Intersectional Analysis in Humanitarian Assistance ***AND* NUTR ON 223: Protection in Humanitarian Assistance; NUTR ON 227: Global Nutrition Programs; NUTR ON234: Climate, Agriculture, and Food Policy; or NUTR ON 238: Economics of Food, Agriculture and Nutrition
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Online MS

Tufts University | Gerald J. and Dorothy R. Friedman School of Nutrition Science and Policy

Elective Coursework

After completing their specialization, students must complete a remaining 6-9 credits of other elective coursework, which may include courses within their area of specialization, or from a separate discipline.

The Friedman School offers a flexible curriculum taught by our expert faculty. Our online, half- and full-semester courses offer a variety of delivery options to meet the needs of our students, including:

- Hybrid (combination of synchronous and asynchronous instruction)
- 100% synchronous instruction
- 100% asynchronous instruction

In addition to the courses indicated in the specializations above, which may be taken as elective courses, assuming course prerequisites have been met, other elective courses include:

Elective courses include:

NUTR 203: Fundamentals of Nutrition Policy & Programming: How Science & Practice Interact • 3CR, FALL
NUTR 204: Principles of Epidemiology • 3CR, FALL
NUTR 218: Communications Strategies in Nutrition and Health Promotion Nutrition • 3CR, SPR
NUTR 220: Fundamentals of Writing About Nutrition and Health • 1.5CR, SPR
NUTR 248: Precision Nutrition • 3CR, SPRING
NUTR 273: Social Psychology of Eating Behavior • 3CR, SPRING
NUTR 274: Ethics & Community Engaged Research • 3CR, SPRING
NUTR 278: Corporate Social Responsibility in the Food Industry • 3CR, SPRING
NUTR 305: Nutritional Epidemiology • 3CR, FALL
NUTR 310: Qualitative Research Methods for Nutrition • 3CR, SPR
NUTR 312: Nutrition and Chronic Disease • 3CR, SPR
NUTR 322: Writing Well About Food and Nutrition • 3CR, SPR
NUTR 330: Anthropology of Food and Nutrition • 3CR, SPR
NUTR 370: Nutritional Biochemistry and Physiology: Macronutrients • 3CR, SPR
NUTR 371: Nutritional Biochemistry and Physiology: Micronutrients • 3CR, SPR
NUTC 269: Nutrition, Health, and Disease I: Pregnancy to Adolescence • 3CR, SPR
NUTC 270: Nutrition, Health, and Disease II: Adulthood and Aging • 3CR, SUM
NUTC 230: Interpreting Nutrition Evidence • 3CR, SPR
NUTC 205: Nutrition-Related Consumer Marketing • 3CR, SUM
NUTC 212: Developing Equitable, Inclusive Community Environments for Physical Activity • 3CR, SUM
NUTC 285: Current Controversies in Nutrition Science • 3CR, SUM
NUTR ON 288: Customer Discovery and Innovation "Foraging for Market Fit" • 3CR, SUM

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