A Typical Student Journey (On Campus MS)

We engage every student in creating their own journey through the school, with robust faculty and staff support and hands-on, holistic academic advising.

There is no "typical" student journey at The Friedman School, so this is intended to give a general overview of the choices available to all on-campus MS students. We encourage you to work with your advisor to design the pathway that works for you.

At a glance

- 48 credits, 16 courses
- 2 years, full-time

Friedman Core

Nutrition science	Quantitative reasoning	Policy and programs	Experiential learning
Foundational knowledge on the impact of nutrition on biological functions and human health	Tools and skills for interpreting and understanding scientific analyses	Understanding mechanisms and functions of policy processes and initiatives (e.g., laws, regulations, programs)	Hands-on practical experience to enhance the in-class learning experience
*1 or 2 courses, 3-9 credits**	*1 course, 3 credits*	*1 course, 3 credits**	*Minimum of 120 hours*

**Varies, depending on the specialization*

Because recommended nutrition science and quantitative reasoning coursework varies across specializations, students pursuing specializations with different requirements must complete the more comprehensive course or course sequence. Additionally, completion of one policy course fulfills the policy core requirement. Students are not required to complete the recommended policy course for each specialization they choose unless it is a specialization-specific requirement.

Viewbook last updated 10/23/2026. Please note that what is listed on the following pages may be subject to change as course offerings may change over time.

A Typical Student Journey (On Campus MS, continued)

Design Your Pathway**

Specialization 1 & 2 (4 courses and 12 credits each)	Elective courses
Required courses Foundational knowledge and skills within a given topic area or discipline. These courses provide a knowledge base that students can build on and apply to more specific areas within the specialization. *2-4 courses, 9-12 credits** ***Recommended courses*** Skills and topic areas that, depending on a student's interests, may be considered fundamental to their course of study *0-2 courses, 0-6 credits** ***Related courses*** Skills and topic areas related to the specialization that will be differently relevant for students with different interest areas *Varies*	After completing the Friedman Core and 2 specializations, most students will have room for elective courses that may have little to do with their declared specializations. Depending on which areas they choose to focus in, students may have room for between 1 and 4 elective courses.

**Varies, depending on the specialization*
***Please note that what is listed on each slide may be subject to change as course offerings change over time.*

Experiential Learning

All MS students must complete a minimum of 120 hours of experiential learning. Students must propose and obtain approval for the project from both their project sponsor and academic advisor.

Types of experiences include:

- Internship
- Practicum
- Research Assistantship
- Master's Thesis
- Current Work Experience
- Immersive Experience

Sample Pathway 1: AFE and Community Interventions and Behavior Change

Friedman Core (12 credits)

Nutrition science	Quantitative reasoning	Policy and programs	Experiential learning
NUTR 245 Scientific Basis for Nutrition – Micronutrients AND NUTR 246 Scientific Basis for Nutrition - Macronutrients	NUTR 207: Statistical Methods for Nutrition Science and Policy	NUTR 238: Economics of Food, Agriculture and Nutrition	Internship directed study, practicum, job, or other non-classroom experience
2 courses, **(6CR, FALL,SPR)**	*1 course,* **(3CR, FALL)**	*1 course,* **(3CR, FALL)**	*Minimum of 120 hours*

Specialization 1: Agriculture, Food, and Environment (AFE)

Required courses (12 credits)	Elective coursework (0 credits)
NUTR 215: Fundamentals of U.S. Agriculture • **3CR, FALL**	
NUTR 233: Agricultural Science and Policy I • **3CR, SPR**	
NUTR 333: Agricultural Science and Policy II • **3CR, FALL**	
NUTR 341: Environmental Economics of Food and Agriculture • **3CR, SPR**	

Specialization 2: Community Interventions and Behavior Change

Required courses (12 credits)	Elective coursework (3 credits)
NUTR 204: Principles of Epidemiology • **3CR, FALL/SPR**	NUTR 307: Regression Analysis for Nutrition Science and Policy • **3CR, SPR**
NUTR 211: Theories of Behavior Change and Their Application in Nutrition and Public Health Interventions • **3CR, FALL**	
NUTR 217: Monitoring and Evaluation of Nutrition and Food Security Projects • **3CR, SPR**	
NUTR 228: Community and Public Health Nutrition • **3CR, FALL**	

Elective coursework (6 credits)

NUTR 285: Food Justice: Critical Approaches in Policy and Planning • **3CR, FALL**
NUTR 393: Data Visualization and Effective Communication • **3CR, SPR**

Sample Pathway 2: BMN and Nutrition Entrepreneurship and Innovation

Friedman Core (13.5 credits)

Nutrition science	Quantitative reasoning	Policy and programs	Experiential learning
NUTR 370/371: Nutritional Biochemistry and Physiology: Macronutrients / Micronutrients NUTR 372: Molecular Nutrition: Macronutrients	NUTR 206: Biostatistics 1	NUTR 238: Economics of Food, Agriculture and Nutrition	Internship directed study, practicum, job, or other non-classroom experience
3 courses, **(7.5CR, FALL/SPR)**	*1 course,* **(3CR, FALL)**	*1 course,* **(3CR, FALL)**	*Minimum of 120 hours*

Specialization 1: Biochemical and Molecular Nutrition (BMN)

Required courses (12 credits)	Elective coursework (3 credits)
NUTR 204: Principles of Epidemiology • **3CR, FALL/SPR** BCHM 223: Graduate Biochemistry • **6CR, FALL** NUTR 240: Nutrition Science Journal Club • **0CR, SPR** NUTR 309: Biostatistics 2 • **3CR, SPR**	NUTR 225: Introduction to Modern Biology Techniques • **1.5CR, FALL** NUTR 312: Nutrition and Chronic Disease • **1.5CR, SPR**

Specialization 2: Nutrition Entrepreneurship and Innovation

Required courses (10.5 credits)	Recommended coursework (3 credits)
NUTR 280: Nutrition and Entrepreneurship: Idea to Impact • **4.5CR, FALL** NUTR 284: Food Law and Regulation • **3CR, SPR** NUTR 393: Data Visualization and Effective Communication • **3CR, SPR**	NUTR 278: Corporate Social Responsibility in the Food Industry• **3CR, SPR**

Sample Pathway 3: Food is Medicine and Nutritional Epidemiology and Public Health Nutrition

Friedman Core (12 credits)

Nutrition science	Quantitative reasoning	Policy and programs	Experiential learning
NUTR 245 Scientific Basis for Nutrition – Micronutrients AND NUTR 246 Scientific Basis for Nutrition - Macronutrients	NUTR 207: Statistical Methods for Nutrition Science and Policy OR NUTR 206: Biostatistics 1	NUTR 238: Economics of Food, Agriculture and Nutrition	Internship directed study, practicum, job, or other non-classroom experience
2 courses, **(6CR, FALL, SPR)**	*1 course,* **(3CR, FALL)**	*1 course,* **(3CR, FALL)**	*Minimum of 120 hours*

Specialization 1: Food is Medicine

Required courses (12 credits)	Elective coursework (3 credits)
NUTR xxx : Foundations of Food is Medicine • **3CR, FALL** NUTR 312: Nutrition and Chronic Disease • **1.5 CR, FALL** NUTR 255: Culinary Medicine • **1.5CR, FALL** NUTR 204: Principles of Epidemiology • **3CR, FALL/SPR** NUTR or NUTR ON or NUTC 211: Theories of Behavior Change and Their Application in Nutrition and Public Health Interventions • **3CR, FALL/SPR/SUM**	NUTR 217: Monitoring and Evaluation of Nutrition and Food Security Projects • **3CR, SPR**

Specialization 2: Nutritional Epidemiology and Public Health Nutrition

Required courses (9 credits)	Elective coursework (3 credits)
NUTR 305: Nutritional Epidemiology • **3CR, FALL** NUTR 309: Biostatistics II • **3CR, SPR** NUTR 319: Intermediate Epidemiology • **3CR, SPR**	NUTR 228: Community and Public Health Nutrition • **3CR, FALL**