

Nutritional Epidemiology and Public Health Nutrition

Friedman 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: Macronutrients / Micronutrients	NUTR 206: Biostatistics	NUTR 203 OR NUTR 215 OR NUTR 238 OR NUTB 206**	Internship directed study, practicum, job, or other non-classroom experience
<i>2 courses, 6-9CR, FALL/SPR</i>	<i>1 course, 3CR, FALL</i>	<i>1 course, 3CR, VARIES</i>	<i>Minimum of 120 hours</i>

Specialization Requirements

Required courses	Recommended courses	Related courses
NUTR 204: Principles of Epidemiology • 3CR, FALL/SPR	NUTR 228: Community and Public Health Nutrition • 3CR, FALL	NUTR 231: Fundamentals of GIS • 3CR, FALL
NUTR 305: Nutritional Epidemiology • 3CR, FALL	NUTR 237: Data Management Using SAS • 3CR, FALL	NUTR 346: Simulating Biophysical Processes • 3CR, FALL
.....	NUTR 394: Advanced Data Analysis • 3CR, FALL
NUTR 309: Biostatistics • 3CR, SPR	NUTR 210: Survey Research in Nutrition • 3CR, SPR	PH 202: Public Health Assessment: Data Determinates, and Systems • 3CR, FALL
NUTR 319: Intermediate Epidemiology • 3CR, SPR	NUTR 375: Applied Genetic Epidemiology and Biostatistics in Nutrition Research • 3CR, SPR	PH 291: Analysis of Multilevel & Longitudinal Data • VARIES
	
		NUTR 348: Biomedical Data Science • 1.5CR, SPR
		NUTR 393: Data Visualization and Effective Communication • 3CR, SPR
		PH 203: Public Health Action: Programs, Policy and Advocacy • 3CR, SPR

*Please speak with your advisor or the Dean for Education if you would like to request an exemption or substitution.

** NUTR203: Fundamentals of Nutrition Policy and Programs; NUTR 215: Fundamentals of US Agriculture; NUTR 238: Economics of Food, Agriculture and Nutrition ; NUTB 206: Global Nutrition Policy and Programs

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

Nutritional Epidemiology and Public Health Nutrition (continued)

Skills and Knowledge Gained

Technical skills: Study design, dietary assessment, data management, statistical analysis, causal inference; Critical thinking skills for clarifying the causal relationship between nutrition and health. Translation of evidence to inform public health policies and interventions