

# Nutrition, Diet and Disease Across the Lifecycle

## Friedman Core\*

Nutrition science	Quantitative reasoning	Policy and programs	Experiential learning
NUTR 245 & 246: Scientific Basis for Nutrition, Micro & Macronutrients <b>OR</b> NUTR 370/371: Nutritional Biochemistry and Physiology: Macronutrients / Micronutrients	NUTR 206: Biostatistics 1 <b>OR</b> NUTR 207: Statistical Methods in Nutrition Science and Policy <b>OR</b> NUTB 250: Statistical Methods for Health Professionals I	NUTR 203 <b>OR</b> NUTR 215 <b>OR</b> NUTR 238 <b>OR</b> NUTB 206**	NUTR 236: Practicum in Bioresearch Techniques <b>OR</b> NUTR 397 Directed Study***
2 courses, 6-9CR, FALL/SPR	1 course, 3CR, FALL	1 course, 3CR, FALL	1 course, (3CR, FALL/VARIES)

## Specialization Requirements

Required courses	Recommended courses	Related courses
NUTR 204: Principles of Epidemiology • 3CR, FALL/SPR .....	NUTR 315: Applied Nutritional Biochemistry • 3CR, FALL**** .....	NUTR 346: Simulating Biophysical Processes • 3CR, FALL
NUTR 272: Nutrition, Physical Activity and Health • 3CR, SPR	NUTR 248: Precision Nutrition • 3CR, SPR	NUTR 374: Advanced Clinical Nutrition Practice in Kidney Disease • 3CR, FALL .....
NUTR 301: Nutrition in the Lifecycle • 1.5CR, SPR	NUTR 309: Biostatistics 2 • 3CR, SPR <b>OR</b> NUTR 307: Regression Analysis for Nutrition Science and Policy • 3CR, SPR <b>OR</b> NUTB 350: Biostatistics for Health Professionals II • 3CR, SPR .....	NUTC 269: Nutrition, Health, and Disease I: Pregnancy to Adolescence • 3CR, SPR
NUTR 312: Nutrition and Chronic Disease • 1.5CR, SPR	NUTB 316: Advanced Medical Nutrition Therapy • 3CR, SUM	NUTR 348: Biomedical Data Science • 1.5CR, SPR .....
		NUTC 270: Nutrition, Health and Disease II: Adulthood • 3CR, SUM
		NUTR 374: Advanced Clinical Nutrition Practice in Kidney Disease • 3CR, FALL

# Nutrition, Diet and Disease Across the Lifecycle (continued)

## Skills and Knowledge Gained

Recognize the roles of micronutrients and macronutrients in the prevention or promotion of disease at each life stage; Identify gaps and controversies in the relationships between nutrients and disease at each life stage; Identify appropriate approaches and methods to advance nutrition knowledge and resolve gaps/controversies at each life stage; Develop programs that promote consumer health, wellness, and lifestyle management; Demonstrate knowledge of various disease states, lifecycle phases, and accompanying conditions and associated dietary implications; Accurately translates science into evidence-based practice.

\*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

\*\*\*Options listed here are *suggested*, not required

\*\*\*\* Recommended for students taking NUTR 245/246 to fulfill their nutrition science requirement; not appropriate for students taking NUTR 370/371