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 **OR** NUTR 370/371: Nutritional Biochemistry and Physiology: Macronutrients / Micronutrients	NUTR 206: Biostatistics 1 **OR** NUTR 207: Statistical Methods in Nutrition Science and Policy **OR** NUTR ON 250: Statistical Methods for Health Professionals I	NUTR 203 **OR** NUTR 215 **OR** NUTR 238 **OR** NUTR ON 206**	NUTR 236: Practicum in Bioresearch Techniques **OR** 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 374: Advanced Clinical Nutrition Practice in Kidney Disease • 3CR, FALL
NUTR 272: Nutrition, Physical Activity and Health • 3CR, SPR	NUTR 248: Precision Nutrition • 3CR, SPR	NUTC 269: Nutrition, Health, and Disease I: Pregnancy to Adolescence • 3CR, SPR
NUTR 301: Nutrition in the Lifecycle • 1.5CR, SPR	NUTR 309: Biostatistics 2 • 3CR, SPR **OR** NUTR 307: Regression Analysis for Nutrition Science and Policy • 3CR, SPR **OR** NUTR ON 350: Biostatistics for Health Professionals II • 3CR, SPR	NUTR 348: Biomedical Data Science • 1.5CR, SPR
NUTR 312: Nutrition and Chronic Disease • 1.5CR, SPR	NUTR ON 316: Advanced Medical Nutrition Therapy • 3CR, SUM	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 ; NUTR ON 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
Please note: The courses listed here and their availability may be subject to change. Please check SIS for current course offering.