

Friedman Core*

Nutrition science	Quantitative reasoning	Policy and programs	Experiential learning	Friedman Seminar
NUTR 245 & 246: Scientific Basis for Nutrition, Micro & Macronutrients	NUTR 206: Biostatistics 1	NUTR 203 <u>OR</u> NUTR 215 <u>OR</u> NUTR 238 <u>OR</u> NUTB 206**	Project-based coursework	2 semesters of Friedman Seminar Course
2 courses, 6 credits	1 course, 3 credits	1 course, 3 credits	Minimum of 120 hours	2 semesters, 1.5 credits each

Specialization Requirements

Required courses	Recommended courses	Related courses
<p>NUTR 390: Introduction to AI-Based Applications for Nutrition and Health Research (AIRNH)</p> <p>NUTR 393: Data Visualization and Effective Communication</p> <p>NUTR 394: Advanced Data Analysis</p> <p><i>Ethical Use of Data Analytics and AI</i> ***</p>	<p>NUTR 204: Principles of Epidemiology</p> <p>NUTR 237: Data Management Using SAS</p> <p>NUTR 309: Biostatistics 2</p>	<p>NUTR 210: Survey Research in Nutrition</p> <p>NUTR 231: Fundamentals of Geographic Information Systems (GIS)</p> <p>NUTR 392: Nutrition Systematic Review and Meta-analysis</p>

Skills and Knowledge Gained

Proficiency in statistical analysis; Data visualization; Critical thinking in data interpretation; Gain hands-on experience with real-world data sets; Incorporate ethical considerations in data analysis and use of AI; Develop understanding of capabilities and limitations of AI algorithms and practical skills for AI use

*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
 ****Course in development; not yet required*