

Texas Tech University

Nutritional Sciences Doctoral Degree Plan

Total 72 hours (after BS) = 15 hours of Core Courses + 12 hours of Dissertation + 45 hours of Electives

NS Core Courses (required) = 15 hours

NS 5370: Carbohydrates, Proteins & Lipids	NS 5365: Vitamins & Minerals #	NS 5342: Biostatistics
NS 6350: Advanced Research Methods	NS 5118: Seminar- Professional Coms (take once)	NS 6118: Seminar- Nutrition (take twice)

NS Doctor's Dissertation = 12 hours

NS 8000: Doctor's Dissertation. Only 12 hours count toward the degree plan. Permission from research mentor is needed to enroll. Begin taking NS 8000 after passing Qualifying Exam and gaining approval of proposal. Once a student begins taking NS 8000, continuous enrollment is required.

*Electives = 45 hours (International students may only take 1 course online per semester) # denotes course is only ONLINE

Track 1: Community Nutrition	Track 2: Nutritional Biochemistry and Physiology	Track 3: Clinical Nutrition
Required courses:	Required courses:	Required courses:
NS 5360: Advanced Community Nutrition #	NS 5350: Pathophysiology	NS 6365: Obesity Management #
NS 6310: Nutrition Education #	NS 6340: The Role of Nutrition in Diabetes & Obesity	NS 6370: Design of Clinical Trials in Human Nutrition
NS 6360: Issues in Food & Nutrition Security #	NS 6341: The Role of Nutrition in CVD and Cancer	Choose 2 or more of the following courses:
Plus 1 or more of the following courses:	Plus 1 or more of the following courses:	NS 5339: Nutrition & Eating Disorders #
NS 5345: Nutr & Sustainability of Global Food Supply #	NS 5348: Lab Techniques	NS 5343: Diabetes & Nutrition Management #
NS 5344: Nutrition & Geriatrics	NS 6355: Neurobiology of Nutrition	NS 5348: Lab Techniques
NS 6365: Obesity Management #	NS 6315: Genetic Regulation of Metabolism	NS 5360: Advanced Community Nutrition #
NS 6318: Maternal & Child Nutrition #	NS 6365: Obesity Management #	NS 6315: Genetic Regulation of Metabolism
NS 6335: Motivating Health Behavior #	Suggested Electives, but not limited to these:	NS 6355: Neurobiology of Nutrition
NS 6340: The Role of Nutrition in Diabetes & Obesity	CHEM 5334: Principles of Biochemistry	NS 6335: Motivating Health Behavior #
NS 6341: The Role of Nutrition in CVD and Cancer	MBIO 5403: Immunobiology	NS 6340: The Role of Nutrition in Diabetes & Obesity
Suggested Electives, but not limited to these:	ZOOL 5304: Comparative Endocrinology	NS 6341: The Role of Nutrition in CVD and Cancer
COMS 5302: Intercultural Communications	BIOL 5301: Advanced Genetics	Suggested Electives, but not limited to these:
COMS 5314: Prof. Coms. in Health, Sci., and Tech.	BIOL 5302: Advanced Cell Biology	ANSC 5201: Ethical Behavior & Integrity in Scientific Research
RHIM 5385: Focus Group Research Methods	BTEC 5322: Bioinformatics: Methods & Application	KIN 5334: Clinical Exercise Testing & Prescription
AAEC 5325: Applied Regression & Least Square Analysis	BIOL 5303: Advanced Experimental Cell Biology	PSY 5377: Behavioral Medicine
PUAD 5320: Program Evaluation & Quantitative Analyses	BIOL 5320: Advanced Molecular Biology	Submit your degree plan after your 1st year. Always consult with your research advisor about course selection.
PUAD 5335: Management of Nonprofit Orgs	BTEC 5338: Methods in Biotechnology	
FDSC 5307: Food and Nutrition Security Policy	BTEC 6301: Introduction to Biotechnology	

Consult your PhD Committee chair for any additional courses

NOTES:

NS 5000 & NS 7000: Faculty permission & extended titles required. Students can take as many hours as they'd like but **ONLY 12 hours can count toward their degree plan**.

Transfer Credits: Students can transfer in no more than 30 hours total from their Master's Degree. These can be applied as core courses, track specific courses, or electives.

Electives: In addition to those required for individual tracks, additional courses could be taken from other tracks or other departments. Consult with your dissertation committee chair for permission.

Updated: August 2021