# 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**

<table>
<thead>
<tr>
<th>NS Core Courses (required)</th>
<th>= 15 hours</th>
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<tbody>
<tr>
<td>NS 5370: Carbohydrates, Proteins &amp; Lipids</td>
<td>NS 5365: Vitamins &amp; Minerals #</td>
</tr>
<tr>
<td>NS 6350: Advanced Research Methods</td>
<td>NS 5118: Seminar- Professional Coms (take once)</td>
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<table>
<thead>
<tr>
<th>NS Doctor's Dissertation</th>
<th>= 12 hours</th>
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<tbody>
<tr>
<td>NS 8000: Doctor's Dissertation.</td>
<td>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.</td>
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</table>

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

## Required courses:
- NS 6350: Advanced Research Methods
- NS 5370: Design of Clinical Trials in Human Nutrition
- BIOL 5303: Advanced Experimental Cell Biology
- BTEC 5338: Methods in Biotechnology
- NS 5339: Nutrition & Eating Disorders #
- NS 6360: Obesity Management #
- NS 5348: Lab Techniques
- NS 6355: Neurobiology of Nutrition
- NS 5342: Biostatistics
- NS 5334: Diabetes & Nutrition Management #
- NS 5365: Vitamins & Minerals #
- BIOL 5302: Advanced Cell Biology
- BTEC 5322: Bioinformatics: Methods & Application
- KIN 5334: Clinical Exercise Testing & Prescription
- BIOL 5303: Advanced Experimental Cell Biology
- PSY 5377: Behavioral Medicine
- CHEM 5334: Principles of Biochemistry
- PSY 5377: Behavioral Medicine
- MBIO 5403: Immunobiology
- NS 6400: The Role of Nutrition in CVD and Cancer
- ZOOL 5304: Comparative Endocrinology

## Suggested Electives, but not limited to these:
- COMS 5302: Intercultural Communications
- BIO 5301: Advanced Genetics
- BIOL 5302: Advanced Cell Biology
- ANSC 5201: Ethical Behavior & Integrity in Scientific Research
- RHIM 5385: Focus Group Research Methods
- BIOTECH 5322: Bioinformatics: Methods & Application
- KIN 5334: Clinical Exercise Testing & Prescription
- AACE 5325: Applied Regression & Least Square Analysis
- BIO 5303: Advanced Experimental Cell Biology
- PSY 5377: Behavioral Medicine
- PUAD 5320: Program Evaluation & Quantitative Analyses
- BIOTECH 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
- BIOTECH 5338: Methods in Biotechnology
- FDSC 5307: Food and Nutrition Security Policy
- BIOTECH 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.

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## Updated: August 2021