# NUTRITIONAL SCIENCES: NUTRITION, MS

Requirements for Students Matriculating in or before Academic Year 2023-2024. Learn more about Graduate College Academic Regulation 7.0 (http://catalog.okstate.edu/graduate-college/#70).

## Thesis Option

**Total Hours:** 30  
**Code** | **Title** | **Hours**
--- | --- | ---
NSCI 5000 | Master’s Thesis | 6
NSCI 5123 | Research Approaches and Translation in Nutritional Sciences | 3
NSCI 5033 | Macronutrients in Human Nutrition | 3
NSCI 5043 | Micronutrients in Human Nutrition | 3
NSCI 5960 | Master’s Seminar in Nutritional Sciences | 1
STAT 5013 | Statistics for Experimenters I | 3

**Hours Subtotal:** 19

**Electives**  
Select 10 hours of the following:  
NSCI 5023 | Advanced Nutrition in the Pathophysiology of Chronic Disease | 10
NSCI 5133 | Advanced Nutrition for Exercise and Sport |
NSCI 5363 | Maternal and Child Nutrition |
NSCI 5313 | Dietary and Herbal Supplements |
NSCI 5443 | Precision Nutrition |
NSCI 5543 | Obesity Prevention Across the Lifespan |
NSCI 5553 | Global Nutrition and Food Security |
NSCI 5563 | Nutritional Assessment |
NSCI 5613 | Nutrition Education and Behavior Change |
NSCI 5643 | Advanced Medical Nutrition Therapy |
NSCI 5713 | Public Health Nutrition and Food Policy |
NSCI 5743 | Advanced Laboratory Techniques in Nutritional Sciences |
NSCI 5870 | Problems in Nutritional Science |
NSCI 5913 | Nutritional Epidemiology |
NSCI 6033 | Functional Foods and Phytochemicals |
BIOC 5753 | Biochemical Principles |
BIOC 6723 | Signal Transduction |
BIOC 5102 | Molecular Genetics |
BIOC 5112 | Articulation of Research Logic |
BIOC 5824 | Biochemical Laboratory Methods |
BIOL 5215 | Mammalian Physiology |
BIOL 5283 | Endocrinology |
CPSY 5173 | Gerontological Counseling |
CPSY 5473 | Basic Counseling Skills |
CPSY 5503 | Multicultural Counseling |
HCA 5043 | Organizational Leadership and Development in Health Care |
HCA 5103 | Introduction to Global Health |

**Hours Subtotal:** 10

**Other Requirements**  
Professional Seminar | 1

**Total Hours:** 30

## Non-Thesis Option

**Total Hours:** 34  
**Code** | **Title** | **Hours**
--- | --- | ---
NSCI 5843 | Non-thesis Graduate Capstone | 3
NSCI 5123 | Research Approaches and Translation in Nutritional Sciences | 3
NSCI 5033 | Macronutrients in Human Nutrition | 3
NSCI 5043 | Micronutrients in Human Nutrition | 3
NSCI 5960 | Master’s Seminar in Nutritional Sciences | 1
STAT 5013 | Statistics for Experimenters I | 3

**Hours Subtotal:** 16

**Electives**  
Select 17 hours of the following:  
NSCI 5023 | Advanced Nutrition in the Pathophysiology of Chronic Disease | 17
NSCI 5133 | Advanced Nutrition for Exercise and Sport |
NSCI 5363 | Maternal and Child Nutrition |
NSCI 5313 | Dietary and Herbal Supplements |
NSCI 5443 | Precision Nutrition |
NSCI 5543 | Obesity Prevention Across the Lifespan |
NSCI 5553 | Global Nutrition and Food Security |
NSCI 5563 | Nutritional Assessment |
NSCI 5613 | Nutrition Education and Behavior Change |
NSCI 5643 | Advanced Medical Nutrition Therapy |
NSCI 5713 | Public Health Nutrition and Food Policy |
NSCI 5743 | Advanced Laboratory Techniques in Nutritional Sciences |
NSCI 5870 | Problems in Nutritional Science |
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<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tr>
<td>NSCI 5913</td>
<td>Nutritional Epidemiology</td>
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<tr>
<td>NSCI 6033</td>
<td>Functional Foods and Phytochemicals</td>
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<tr>
<td>BIOC 5753</td>
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<td>HLTH 5683</td>
<td>Health Behavior Theory and Practice for Public Health</td>
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<td>HLTH 5983</td>
<td>Implementation and Evaluation of Public Health Programs</td>
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<td>Analyses of Variance</td>
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<td>Introduction to Qualitative Inquiry</td>
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<td>Statistics for Experimenters II</td>
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<td>Sample Survey Designs</td>
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<td>STAT 5083</td>
<td>Statistics for Biomedical Researchers</td>
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<td>STAT 5303</td>
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<td>VBSC 6120</td>
<td>Advanced Physiology of Selected Systems</td>
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**Hours Subtotal**  
17

**Other Requirements**

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<th>Course Title</th>
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<tbody>
<tr>
<td>Professional Seminar</td>
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**Hours Subtotal**  
1

**Total Hours**  
34

**Graduate College Master's Program Requirements**

Learn more about Graduate College 2023-2024 Master's Degree Program Requirements (http://catalog.okstate.edu/graduate-college/). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.