

# NUTRITIONAL SCIENCES: DIETETICS RESEARCH, 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 Hours

**Total Hours:** 36

| Code                               | Title  | Hours     |
|------------------------------------|--|-----------|
| <b>Degree Core</b>                 |  |           |
| NSCI 5000                          | Master's Thesis  | 6         |
| NSCI 5033                          | Macronutrients in Human Nutrition                            | 3         |
| NSCI 5043                          | Micronutrients in Human Nutrition                            | 3         |
| NSCI 5123                          | Research Approaches and Translation in Nutritional Sciences  | 3         |
| NSCI 5412                          | Dietetic Internship Management Practicum                     | 2         |
| NSCI 5422                          | Dietetic Internship Clinical Practicum                       | 2         |
| NSCI 5432                          | Dietetic Internship Community Nutrition Practicum            | 2         |
| NSCI 5643                          | Advanced Medical Nutrition Therapy                           | 3         |
| NSCI 5960                          | Master's Seminar in Nutritional Sciences                     | 1         |
| STAT 5013                          | Statistics for Experimenters I                               | 3         |
| or REMS 5953                       | Statistical Methods in Education                             |           |
| <b>Hours Subtotal</b>              |  | <b>28</b> |
| <b>Electives</b>                   |  |           |
| Select 8 hours from the following: |  | 8         |
| NSCI 5023                          | Advanced Nutrition in the Pathophysiology of Chronic Disease |           |
| 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 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                          | 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                                 |           |
| GENE 5102             | Molecular Genetics                                       |           |
| HCA 5043              | Organizational Leadership and Development in Health Care |           |
| HCA 5103              | Introduction to Global Health                            |           |
| HHP 5853              | Clin Ex Test & Prescript                                 |           |
| HHP 5873              | Human Bioenergetics                                      |           |
| HLTH 5113             | Psychological Aspects of Health                          |           |
| HLTH 5323             | General Epidemiology                                     |           |
| HLTH 5683             | Health Behavior Theory and Practice for Public Health    |           |
| HLTH 5973             | Designing Public Health Programs                         |           |
| HLTH 5983             | Implementation and Evaluation of Public Health Programs  |           |
| ITOX 5203             | Bioinformatics   |           |
| MPH 5323              | General Epidemiology                                     |           |
| MPH 5413              | Food Safety and Public Health                            |           |
| MPH 5453              | Cultural Issues in Health                                |           |
| MPH 5683              | Health Behavior Theory and Practice for Public Health    |           |
| MPH 5973              | Designing Public Health Programs                         |           |
| REMS 6003             | Analyses of Variance                                     |           |
| SCFD 5913             | Introduction to Qualitative Inquiry                      |           |
| STAT 5023             | Statistics for Experimenters II                          |           |
| STAT 5043             | Sample Survey Designs                                    |           |
| STAT 5083             | Statistics for Biomedical Researchers                    |           |
| STAT 5303             | Experimental Designs                                     |           |
| <b>Hours Subtotal</b> |  | <b>8</b>  |
| <b>Total Hours</b>    |  | <b>36</b> |

## Non-Thesis Option

**Total Hours:** 36

| Code                                | Title  | Hours     |
|-------------------------------------|--|-----------|
| <b>Degree Core</b>                  |  |           |
| NSCI 5033                           | Macronutrients in Human Nutrition                            | 3         |
| NSCI 5043                           | Micronutrients in Human Nutrition                            | 3         |
| NSCI 5123                           | Research Approaches and Translation in Nutritional Sciences  | 3         |
| NSCI 5412                           | Dietetic Internship Management Practicum                     | 2         |
| NSCI 5422                           | Dietetic Internship Clinical Practicum                       | 2         |
| NSCI 5432                           | Dietetic Internship Community Nutrition Practicum            | 2         |
| NSCI 5643                           | Advanced Medical Nutrition Therapy                           | 3         |
| NSCI 5843                           | Non-thesis Graduate Capstone                                 | 3         |
| NSCI 5960                           | Master's Seminar in Nutritional Sciences                     | 1         |
| STAT 5013                           | Statistics for Experimenters I                               | 3         |
| or REMS 5953                        | Statistical Methods in Education                             |           |
| <b>Hours Subtotal</b>               |  | <b>25</b> |
| <b>Electives</b>                    |  |           |
| Select 11 hours from the following: |  | 11        |
| NSCI 5023                           | Advanced Nutrition in the Pathophysiology of Chronic Disease |           |

|                       |  |
|-----------------------|--|
| 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 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             | 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                                 |
| GENE 5102             | Molecular Genetics                                       |
| HCA 5043              | Organizational Leadership and Development in Health Care |
| HCA 5103              | Introduction to Global Health                            |
| HHP 5853              | Clin Ex Test & Prescript                                 |
| HHP 5873              | Human Bioenergetics                                      |
| HLTH 5113             | Psychological Aspects of Health                          |
| HLTH 5323             | General Epidemiology                                     |
| HLTH 5683             | Health Behavior Theory and Practice for Public Health    |
| HLTH 5973             | Designing Public Health Programs                         |
| HLTH 5983             | Implementation and Evaluation of Public Health Programs  |
| ITOX 5203             | Bioinformatics   |
| MPH 5323              | General Epidemiology                                     |
| MPH 5413              | Food Safety and Public Health                            |
| MPH 5453              | Cultural Issues in Health                                |
| MPH 5683              | Health Behavior Theory and Practice for Public Health    |
| MPH 5973              | Designing Public Health Programs                         |
| REMS 6003             | Analyses of Variance                                     |
| SCFD 5913             | Introduction to Qualitative Inquiry                      |
| STAT 5023             | Statistics for Experimenters II                          |
| STAT 5043             | Sample Survey Designs                                    |
| STAT 5083             | Statistics for Biomedical Researchers                    |
| STAT 5303             | Experimental Designs                                     |
| <b>Hours Subtotal</b> | <b>11</b>  |
| <b>Total Hours</b>    | <b>36</b>  |

## 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.