

**M.S. in Nutritional Sciences
Oklahoma State University**



Prerequisites:

B.S. degree in nutritional sciences. If B.S. degree in a subject area other than nutrition, a minimum of 30 credit hours of undergraduate nutrition-related coursework is needed. At least one course in biochemistry and one upper-level nutrition course is required prior to full admission to the program.

Degree Requirements:

The plan of study for a master's degree student is individually planned to develop academic excellence specific to the student's career goals. The selection and organization of courses are made in consultation with the advisor and the student's advisory committee. Students have the option of choosing between a thesis and non-thesis option as indicated below.

- 1) The MS degree with **thesis** option requires a minimum of 30 credit hours which includes 6 credit hours for thesis research (NSCI 5000). Students must complete all of the core requirements listed below. All credit hours must be completed in courses numbered 5000 and above or asterisked 4000 level courses from departments other than NSCI.
- 2) The **non-thesis** MS degree option requires a minimum of 34 credit hours which includes 3 credit hours of NSCI 5870. Students must complete all of the core requirements listed below. All credit hours must be completed in courses numbered 5000 and above or asterisked 4000 level courses from departments other than NSCI.

Core Requirements

(Must be completed by all MS students)

- NSCI 5000 Research in Nutritional Sciences (thesis option-6 credits) OR
NSCI 5870 Problems in Nutrition (non-thesis option 3 credits)
- NSCI 5123 Research Methods in Nutritional Sciences
- NSCI 6023 Macronutrients in Human Nutrition
- NSCI 6123 Micronutrients in Human Nutrition
- NSCI 5961 Seminar in Nutritional Sciences
- STAT 5013 Statistics for Experimenters I OR
REMS 5953 Statistical Methods in Education

Area of Specialization

- NSCI 5012 Public Policy Development in Food, Nutrition and Related Programs
- NSCI 5023 Advanced Nutrition and Health Issues
- NSCI 5133 Advanced Nutrition for Exercise and Sport
- NSCI 5363 Maternal and Infant Nutrition
- NSCI 5373 Childhood Nutrition

(Area of Specialization continued)

- NSCI 5393 Nutrition and Aging
- NSCI 5553 International Nutrition and World Hunger
- NSCI 5563 Nutritional Assessment
- NSCI 5613 Theory, Research and Practice of Nutrition Education
- NSCI 5643 Advanced Medical Nutrition Therapy
- NSCI 5713 Advanced Community Nutrition
- NSCI 5743 Experimental Methods in Nutrition
- NSCI 5870 Problems in Nutritional Sciences
- NSCI 6033 Phytochemicals in Reduction of Chronic Disease
- NSCI 6223 Nutrition in Immunology
- NSCI 6870 Independent Study in Nutritional Sciences
- CPSY 5173 Gerontological Counseling
- CPSY 5473 Introduction to Counseling Practice
- CPSY 5503 Multicultural Counseling
- BIOC 4113 Biochemistry
- BIOC 5824 Biochemical Laboratory Methods
- HHP 5613 Cardiac Rehabilitation
- HHP 5853 Stress Testing and Exercise Prescription I
- HHP 5863 Stress Testing and Exercise Prescription II
- MGMT 5113 Management and Organization Theory
- REMS 5013 Research Design and Methodology
- REMS 6003 Analyses of Variance
- REMS 6013 Multiple Regression Analysis in Behavioral Studies
- SCFD 5873 Culture, Society and Education
- SCFD 5913 Intro to Qualitative Inquiry
- STAT 4043 Applied Regression Analysis
- STAT 5023 Statistics for Experimenters II
- STAT 5043 Sample Survey Design
- STAT 5303 Experimental Design
- ZOOL 4215 Mammalian Physiology
- ZOOL 4283 Endocrinology