1) Nutritional Sciences (Area of Specialization 18-30 credit hours)

**Core Courses Required within Specialization**
- NSCI 5033 Macronutrients in Human Nutrition
- NSCI 5043 Micronutrients in Human Nutrition
- NSCI 6960 Seminar: Emerging Topics in Nutrition (2 hr credit, max 4)

Remaining coursework within the area of specialization may be taken from the following recommended list or alternative courses as deemed appropriate by the student’s advisory committee.

- NSCI 5023 Advanced Nutrition in the Pathophysiology of Chronic Disease
- NSCI 5133 Advanced Nutrition for Exercise and Sport
- NSCI 5363 Maternal and Infant Nutrition
- NSCI 5373 Childhood Nutrition
- NSCI 5393 Nutrition and Aging
- NSCI 5453 Nutrition and Health Disparities
- NSCI 5543 Obesity Across the Lifespan
- NSCI 5553 Global Nutrition and Food Security
- NSCI 5563 Nutritional Assessment
- NSCI 5613 Advanced Nutrition Education and Counseling
- NSCI 5643 Advanced Medical Nutrition Therapy
- NSCI 5713 Advanced Community Nutrition
- NSCI 5743 Advanced Laboratory Techniques in Nutrition
- NSCI 5870 Problems in Nutritional Sciences
- NSCI 6033 Phytochemicals in Reduction of Chronic Disease
- NSCI 6223 Nutrition and Immunology
- NSCI 6870 Independent Study in Nutritional Sciences
- BIOC 4113 Molecular Biology
- BIOC 5824 Biochemical Laboratory Methods
- BIOC 6763 Nucleic Acids and Protein Synthesis
- BIOC 6773 Protein Structure and Enzyme Function
- BIOC 6783 Biomembranes and Bioenergetics
- CPSY 5173 Gerontological Counseling
- CPSY 5473 Basic Counseling Skills
- CPSY 5503 Multicultural Counseling
- HDFS 5413 Adult Development and Aging
- HDFS 5423 Research Perspectives in Gerontology
- HDFS 5433 Theories of Aging
- HHP 5593 Human Electrocardiographic Interpretation
- HHP 5613 Cardiac Rehabilitation
- HHP 5853 Stress Testing and Exercise Prescription I
- HHP 5873 Human Bioenergetics
- HLTH 5113 Psychological Aspects of Health
- HLTH 5323 General Epidemiology
- HLTH 5453 Cultural Issues in Health
- MGMT 5113 Management and Organization Theory
- SCFD 5873 Culture, Society and Education
- SOC 5333 Global Population and Social Problems
- VBSC 6120 Advanced Physiology of Selected Systems
- ZOOL 4215 Mammalian Physiology
- ZOOL 5283 Endocrinology
NOTE. NSCI 5303, 5333 and 5353 are levelling courses and may not be used on a plan of study. NSCI 5412, NSCI 5422 and NSCI 5432 are supervised practice experiences associated with the dietetic internship and should not be included on the POS to meet degree requirements.

2) Human Sciences (3 credit hours)

Core Requirement
- HS 6993 Graduate Seminar in Human Sciences

3) Research Support Courses (18-30 credit hours)

Core Requirements within Research Support Courses
- NSCI 6453 Advanced Research Methods in Nutritional Sciences (or NSCI 5123 or equivalent course)
- STAT 5023 Statistics for Experimenters II, STAT 5083 Statistics for Biomedical Researchers or equivalent

Remaining 12-24 hours of coursework should consist of courses in intermediate and advanced statistics, advanced research methodology and advanced research methods. These courses may be taken from the following recommended list or alternative courses as deemed appropriate by the student’s committee.

- EPSY 6063 Research Applications with Q Methodology
- REMS 5013 Research Design and Methodology
- REMS 5963 Computer Applications in Nonparametric Data Analyses
- REMS 6003 Analyses of Variance
- REMS 6013 Multiple Regression Analysis in Behavioral Studies
- REMS 6033 Factor Analysis in Behavioral Research
- REMS 6373 Program Evaluation
- REMS 6663 Applied Multivariate Research in Behavioral Studies
- SCFD 5913 Introduction to Qualitative Inquiry
- SCFD 6123 Qualitative Research I
- SCFD 6193 Qualitative Research II
- SOC 5213 Techniques of Population Analysis
- SOC 5273 Qualitative Research Methods
- STAT 4043 Applied Regression Analysis
- STAT 5033 Nonparametric Methods
- STAT 5043 Sample Survey Designs
- STAT 5053 Time Series Analysis
- STAT 5063 Multivariate Methods
- STAT 5073 Categorical Data Analysis
- STAT 5091 SAS Programming
- STAT 5303 Experimental Designs

4) Dissertation (minimum of 15 credit hours and maximum of 30 hrs)

Core Requirement
- NSCI 6000 Doctoral Dissertation

June 2016