Course Requirements for the “Human Nutrition” Concentration

Required classes for the Concentration in Human Nutrition (total 13 credits):

- **NS 3310.** Nutrient Metabolism (4 cr)

and at least 9 credits of additional coursework ONLY from the following list:

- NS 2750  Human Biology and Evolution
- NS 3060  Nutrition and Global Health
- NS 3150  Obesity and the Regulation of Body Weight
- NS 3220  Maternal and Child Nutrition
- NS 3320  Methods in Nutritional Sciences
- NS 3410  Human Anatomy and Physiology
- NS 3420  Human Anatomy and Physiology-laboratory (requires concurrent registration with NS 3410)
- NS 3450  Introduction to Physiochemical and Biological Aspects of Food
- NS 3470  Human Growth and Development
- NS 4130  Nutritional Genomics-Evolution and Environment
- NS 4310  Mineral Nutrition and Chronic Disease
- NS 4315  Nutrient Requirements and Recommendations: Biological Aspects
- NS 4370  Nutritional Immunology and Infectious Diseases
- NS 4410  Nutrition and Disease
- NS 4444  Sports Nutrition and Supplements: Concepts and Evidence
- NS 4750  Mechanisms Underlying Mammalian Developmental Defects
- NS 4900  Manipulating the Mouse Genome
- NS 6080  Epigenetics
- NS 6100  Proteins and Amino Acids: Nutritional Regulation of Mammalian Protein
- NS 6110  Molecular Toxicology
- NS 6140  Topics in Maternal and Child Nutrition
- NS 6310  Micronutrients: Function, Homeostasis and Assessment
- NS 6320  Regulation of Macronutrient Metabolism

Please note:
1. For students in the College of Agriculture and Life Sciences, credits in NS courses count towards the required 55 CALS credits. For students in the College of Arts and Sciences, NS credits count towards the 100 hours required in A&S if those credits fulfill major requirements.
2. Independent study credits cannot be used toward the 13 credit minimum.