

**DEPARTMENT OF HUMAN NUTRITION  
GRADUATE STUDENT LEARNING OUTCOMES**

**MASTER OF SCIENCE**

The department has 3 main focus areas at the Master's level: 1) Sensory analysis and consumer behavior; 2) Public Health Nutrition and Nutrition Education, and 3) Metabolic and Molecular Aspects of Nutrition

1. Students will demonstrate and in-depth knowledge in one of the above focus areas that include:
  - a. fundamental knowledge of the focus area
  - b. integration of basic knowledge to allow for development of research questions or hypotheses.
  - c. Acquisition of special tools and skills needed in the focus area that are essential for mastery of the subject area
  - d. Ability to understand, comprehend and evaluate scholarly works in the focus area
  - e. Research risks
  
2. All Master of Science Studies will demonstrate evidence of competency in statistical methodology used in the focus area to an extent where student is able to interpret the works of others and plan their own studies.
  
3. Students will be able to communicate orally their research findings to professional audiences as well as the ability to learn from such exchanges and ask appropriate questions.
  
4. Develop professional identity within the field via attendance at professional meetings, affiliation with professional organizations, and professional ethics and conduct.
  
5. All graduates will have mastered science and technical writing skills

## **DOCTOR OF PHILOSOPHY**

1. All PhD students will demonstrate evidence of research that is a publishable quality in a peer refereed journal.
2. PhD students will become effective in the various aspect of grant writing, including:
  - a. Sources of funding
  - b. Agency policies and requirements
  - c. Research risks
  - d. Budgeting
  - e. Effective proposal narrative
3. Integrate knowledge to the level of developing appropriate conclusions and new principles based on available scientific data either presented or generated through the research experience
4. Make a fundamental contribution to the field in terms of new knowledge discovered
5. Demonstrate independence in all forms of the research experience.