NUTRITIONAL SCIENCES, B.S.

Begin Campus: Any Penn State Campus

End Campus: University Park

Program Learning Objectives

Content Knowledge:

1. Explain the role of chemical, biochemical, microbiological, and physiological processes and demonstrate how they interrelate with the body's utilization of nutrients and food components during digestion, absorption, metabolism, and excretion.

2. Describe and apply the functions and interrelationships of nutrients and food in human health, disease prevention, and disease states.

3. Describe food and nutrition programs that contribute to the continuum of nutrition services to improve the health of our population: preconception to old age.

4. Apply leadership and management theory within the healthcare and food service management systems.

Analytical Integrative, and Critical Thinking Skills:

1. Integrate the biological, behavioral, socioeconomic and environmental factors related to food and nutrient intakes and needs across the lifespan.

2. Interpret and evaluate nutrition standards and analyze nutritional assessment data to make evidence-based decisions.

3. Locate, interpret, and evaluate research findings and professional literature to explain implications, limitations, and applications to practice.

Communication:

1. Demonstrate effective and professional technical and scientific written communication skills using various media formats.

2. Demonstrate effective and professional technical and scientific oral communication skills using various media formats.