

# NUTRITIONAL SCIENCES, B.S.

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**Begin Campus:** Any Penn State Campus

**End Campus:** University Park

## Program Learning Objectives

- 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.
- Describe and apply the functions and interrelationships of nutrients and food in human health, disease prevention, and disease states.
- Describe food and nutrition programs that contribute to the continuum of nutrition services to improve the health of our population: preconception to old age.
- Apply leadership and management theory within the healthcare and food service management systems.
- Integrate the biological, behavioral, socioeconomic and environmental factors related to food and nutrient intakes and needs across the lifespan.
- Interpret and evaluate nutrition standards and analyze nutritional assessment data to make evidence-based decisions.
- Locate, interpret, and evaluate research findings and professional literature to explain implications, limitations, and applications to practice.
- Demonstrate effective and professional technical and scientific written communication skills using various media formats.
- Demonstrate effective and professional technical and scientific oral communication skills using various media formats.