NUTRITIONAL SCIENCES, B.S.

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.