

# Poultry Science B.S. Degree

The undergraduate B.S. in Poultry Science consists of two options: poultry science production and pre-veterinary science. The poultry science B.S. degree is designed to prepare students for careers in the poultry industry, admission into poultry science graduate programs, or admission into professional schools (e.g., College of Veterinary Medicine). The student learning outcomes (SLOs) associated with the poultry science B.S. degree are noted below and are assessed throughout the program.

## Student Learning Outcomes

SLO 1: Production - Students will be able to describe and explain the different husbandry practices involved in the various integrated commercial poultry production systems used in producing meat and eggs for different markets around the world.

SLO 2: Embryonic Development - Students will be able to explain poultry fertility concepts and embryonic development within the egg.

SLO 3: Anatomy/Physiology - Students will be able to describe the anatomy and physiology of poultry.

SLO 4: Poultry Nutrition - Students will be able to explain the role of proper nutrition on poultry growth efficiency, including the functions and deficiency signs of amino acids, minerals, and vitamins.

SLO 5: Poultry Health - Students will recognize health issues associated with poultry production, including the prevention of diseases and how to counteract diseases if they do occur.

SLO 6: Processing - Students will be able to describe how live poultry is processed into food products.

SLO 7: Food Safety - Students will gain knowledge in the food safety principles and regulations of the United States food industry, and be able to design a hazard analysis and critical control point (HACCP) plan that could be implemented in a food plant.

SLO 8: Communication - Students will communicate effectively using both oral and written communication skills.

SLO 9: Problem Solving - Students will solve poultry science-related questions/problems.

SLO 10: Professionalism - Students will interact and communicate professionally with people in the poultry science industry.