

TURFGRASS SCIENCE, B.S.

Begin Campus: Any Penn State Campus

End Campus: University Park, World Campus

Program Learning Objectives

- Describe the principles and practices of producing, establishing, and managing the primary turf grass species and cultivars. Students will be able to explain and demonstrate turf grass establishment and management, including mowing, fertilization, irrigation, and other cultural operations including pest control.
- Accurately comprehend and draw appropriate inferences from numeric data and quantitative models.
- Devise methods of inquiry to distinguish cause and effect, and to solve relevant problems in turf grass management.
- Demonstrate proficiency in principles and practices of the primary turf grass cultural practices including mowing, fertilization, and irrigation and the secondary practices including cultivation, pest management, and soil modification.
- Students will demonstrate their written, oral, and interpersonal communication skills needed to become a successful turfgrass manager.