

AGRICULTURAL AND ENVIRONMENTAL PLANT SCIENCE

Learning Outcomes

M.S. and Ph.D. students in Agricultural and Environmental Plant Science will demonstrate competency and breadth of knowledge in their chosen specialization within plant science-related disciplines (Penn State goal #1). They will create new knowledge by conducting and reporting relevant research within their sub-disciplines (Penn State goal #2). Students will be able to communicate with diverse audiences regarding issues related to crops and their social and environmental impacts (Penn State goal #3). They will develop analytical and critical thinking skills so that they can apply their knowledge to agriculturally and environmentally relevant problems (Penn State goal #4). They will become practiced in applying the principles of academic integrity and proper research methodology and reporting (Penn State goal #5).