

# AGRICULTURAL STEWARDSHIP AND CONSERVATION, CERTIFICATE

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Requirements for an undergraduate certificate may be completed at any campus location offering the specified courses for the certificate.

## Program Description

The Chesapeake Bay Program and other local, state, and federal initiatives to protect surface and groundwater resources have increasingly focused on agricultural best management practices. A significant demand has been created for professionals trained in these best management practices and the ability to plan and implement them in a wide variety of agricultural systems. The goal of the certificate program in Agricultural Stewardship and Conservation is to provide enhanced knowledge for planning, designing, and implementing best management practices on agricultural lands that contribute to soil health while preventing soil erosion, controlling runoff and managing nutrient inputs and outputs, all of which serve to protect ground and surface waters. Local, state and federal policies and regulations pertaining to agricultural stewardship are addressed, as well as certification requirements for agricultural and nutrient management specialists to work in the field of agricultural erosion and sediment control and nutrient management in the Commonwealth of Pennsylvania.

## You Might Like This Program If...

- You are interested in monitoring and implementing best management practices.
- You have a passion for conservation and natural resource issues.

The certificate was developed to offer classroom and hands-on learning in the sustainability of agricultural soil and water resources. The Agricultural Stewardship and Conservation certificate may appeal to a variety of Penn State majors, including Environmental Resource Management, BioRenewable Systems, Animal Science, Agricultural Science, and Plant Sciences, as well as non-degree students.