

## AGRICULTURE



**Lead grassroots efforts to fight hunger in a changing world.** Agricultural Volunteers work with small-scale farmers and families to increase food security and production and adapt to climate change while promoting environmental conservation practices. They introduce farmers to techniques that prevent soil erosion, reduce the use of harmful pesticides, and replenish the soil. They work alongside farmers on integrated projects that often combine vegetable gardening, livestock management, agroforestry, and nutrition education.

***If you choose Agriculture, take three courses from one of the following areas:***

- Agronomy
- Horticulture
- Botany
- Entomology
- Agricultural Science
- Agribusiness
- Agricultural Economics
- Business or economics
- Biology

***Recommended courses:***

PLS 170C1 - Plants and Our World  
ENVS 200 Introduction to Soil Science  
ACBS 202 - Introduction to Livestock Production  
ACBS 220 - Introduction to Dairy Science  
PLS 312 - Animal and Plant Genetics  
ACBS 317 - One Health: A Microbial Perspective  
AGTM 350 - Applications in Agricultural Mechanics  
AREC 360 - The Poverty and Development of Nations  
PLS 397B - Advanced Greenhouse Crop Production  
ACBS 405 - Principles of Livestock Health Management  
AGTM 422 - Communicating Knowledge in Agriculture and the Life Sciences  
PLS 424R - Plant Biotechnology  
PLS 436 - Agro-ecology  
ACBS 445 - Nutritional Physiology and Metabolism  
PLS 475A - Physiology of Plant Production under Controlled Environment  
NSC 497F - Community and School Garden Workshop

**Please Note:** These courses are only suggested courses, and to be used as a guideline of “types” of courses that will fulfill program requirements. Please contact the Prep Program Coordinator, [peacecorpsprep@email.arizona.edu](mailto:peacecorpsprep@email.arizona.edu), for any specific questions regarding course selection.

***And build 50 hours of related field experience through an activity such as:***

- Working with a large-scale or family-run business involving vegetable gardening, farming, nursery work, tree planting or care, urban forestry, landscaping, livestock care and management, or fish cultivation and production
- Teaching or tutoring the public in environmental or agricultural issues/activities
- Working on the business management or marketing side of a commercial farm