Graduate Certificate in Agroforestry

Agroforestry is intensive land-use management combining trees and/or shrubs with crops and/or livestock. It also has new market opportunities including: Sustainable agriculture, land stewardship, habitat for wildlife, improved water quality, and diversified farm income.

This online graduate certificate, from the Center for Agroforestry at the University of Missouri, provides students with agroforestry fundamentals as well as theoretical foundations in both the biophysical and socioeconomic components of agroforestry.

Designed for individuals with years of experience in agroforestry but lacking a formal credential, it is a perfect fit for those interested in, or involved with the Peace Corps, or possessing a bachelor's degree in a related area but no formal training in agroforestry.

Holders of this certificate generally work as professional and consulting foresters, certified crop or horticulture advisors, extension agents, international development experts, soil and plant scientists, forestry and conservation science teachers and educators, and as forestry or soil and water conservation agents.

This online graduate certificate program is unique and fills a void worldwide. To the best of our knowledge, there are no similar programs in agroforestry elsewhere in the United States or abroad.

Requirements

The online graduate certificate requires 12 credit hours to complete.

Required Courses
Agroforestry Fundamentals 3
FOREST 7385 Agroforestry I: Theory, Practice and Adoption 3

Biophysical Foundation (choose two) 6
FOREST 7390 Watershed Management and Water Quality 3
FOREST 8385 Ecological Principles of Agroforestry
ENV_SC 7396 Agroforestry for Watershed Restoration 3
NAT_R 8300 Urban Biodiversity, Conservation, and Planning 3
NAT_R 8325 Introduction to Geographic Information Systems
BIOCHM 8120 Advanced Medicinal Plant Science 3
BIOCHM 8130 Commercial Use of Biodiversity 3

Socioeconomic Foundation (choose one) 3
FOREST 8395 Agroforestry Economics and Policy 3

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