PBC 440/BIOL_SCI 340

AGROECOSYSTEMS: THE ECOLOGY OF FOOD PRODUCTION

M/W 9:30AM-10:50AM



COURSE OVERVIEW

As anthropogenic change continues to impact ecosystem function, understanding the ecology of agricultural landscapes becomes increasingly pressing. In this course, we will examine the underlying ecological principles governing agricultural practices. Using a combination of lectures and literature discussion, we will cover the history and impacts of sustainable (and unsustainable) food production from the lens of the biotic and abiotic interactions that make it possible. Finally, we will explore how the understanding of these interactions may allow us to maintain agricultural yields in the face of novel climate patterns.

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