

# **AGRICULTURAL AND BIOLOGICAL SCIENCES COURSES**

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## **Land and Water Management (EGTE 103) - 3 credits**

What makes tap water safe to drink? What would trees and grass have to do with soil erosion? How can you safely dispose of hazardous waste? Where does the solid waste you produce end up? Where does the pollution that sometimes makes our lakes and beaches unsuitable for swimming and fishing come from? What happens to all the rain water when it rains for a week? Use mathematics to learn all about these topics and how to keep your land and water clean and well-managed.

## **Landscape and Field Sketching (PLSC 103)—4 credits**

Introduction to various field sketching and nature documentation techniques of landscape subjects. Emphasis on nature journaling using mixed media.

## **Economics of Agriculture and Natural Resources (FREC 150) - 3 credits**

Ups and downs of agriculture - market swings, supply and demand, and how you - a customer - influence the economic trends of agriculture, natural resources, and the environment. Learn why corn on the cob costs more in the winter and roses cost more at Valentines Day, while learning the advantages of importing vs. exporting various agricultural supplies.

## **Botany I (PLSC 101) - 4 credits (includes a lab section)**

It isn't easy being green. How do plants grow and reproduce? Why do some form flowers and others make fruits? Botany looks at the basic cell structure and function of plants, their genetics, their anatomy and their physiology to gain a better understanding of what makes plants come to life. *\*Time conflicts with PLSC 140*

## **People and Plants: Feast of Famine (PLSC 140) - 3 credits**

Discover the role of myth and mystery in our early understanding of plant epidemics that killed millions of people due to starvation and plant-related poisonings.

*\*Time conflicts with PLSC 101*

## **Plants and Human Culture (PLSC 100)—3 credits (Satisfies UD Multicultural Requirement too)**

Current survey of interrelationships between plants and diverse human cultures. Different cultural lenses, such as socio-economic status, cultural heritage and residential environment are used to explore landscapes. Issues, including invasive species, water management and garden benefits provide opportunities for discussion and problem solving.