

UF Postharvest Courses:

Course Number	Course Name	Instructor	Credits	Semester
ABE 3612C	Heat & Mass Transfer in Biological Systems	Chau	3	Fall
Transfer phenomena, steady and unsteady state heat conduction, radiation, free and forced convection, mass transfer, psychrometrics, thermodynamics of biological processes.				
ABE 4413C	Postharvest Operations Engineering	Talbot	3	Spring
Engineering principles and practices of postharvest operations for the maintenance of quality of agricultural products. Design of systems and facilities.				
ABE 6615	Adv. Heat & Mass Transfer in Biol. Systems	Chau	3	Spring
Analytical and numerical technique solutions to problems of heat and mass transfer in biological systems. Emphasis on nonhomogenous, irregularly shaped products with respiration and transpiration.				
HOS 4932	Maintaining Fruit & Veg. Qual. After Harvest	Ritenour	3	Fall & Spring
Postharvest concepts and practices employed to maintain the quality of perishable horticultural commodities, including biological responses of harvested commodities to harvesting, grading, packaging, transportation, and marketing channels, their effects on fruit and vegetable quality, and commercial practices to maintain quality.				
HOS 5325C	Citrus Fresh Fruit Technology	Albrigo	3	Spring
Fresh citrus fruit development, physiology, pathology, harvesting, handling, packinghouse engineering principles, quarantine measures and marketing regulations.				
HOS 5330	Postharvest Technol. for Hort. Crops	Sargent	2	Spring (extra session)
Intensive study of current technological procedures used in the harvesting, handling, and distribution of vegetables, fruits, and ornamentals in Florida.				
HOS 5085C	Principles of Postharvest Horticulture	Brecht & Ritenour	3	Fall
Biological principles involved in harvesting, grading, packaging, transportation, and marketing horticultural crops, and their effects on quality maintenance.				
HOS 6331	Postharvest Physiology	Huber	3	Spring
Physiology, biochemistry, and molecular biology of fruit, vegetative, and floral organs after harvest.				

Explanation of course numbers: 3000- and 4000-level courses are for third- and fourth-year undergraduates, respectively, and may count toward graduate programs of non-majors. 5000-level courses are for advanced undergraduate and beginning graduate students. 6000-level courses are for graduate students. The letter 'C' following the course number indicates a course with a laboratory component.