

PRINCIPLES OF FRUIT & NUT TREE GROWTH, CROPPING & MANAGEMENT

March 23 - April 2, 2020
UC Davis

Week 1

Lectures and field activities in Davis relate plant biology to orchard management.

Course Instructors

Course instructors are leaders in tree crop research at the University of California, and have worked closely with the tree fruit industry to apply current technologies to fruit and nut production.

Week 2

Field tour throughout Northern and Central California.

Field tour hosts

Field tour hosts include UC Cooperative Extension orchard systems advisors, operation managers for major nurseries and packing houses, and innovative growers in California's Central Valley.

Register at

fruitsandnuts.ucdavis.edu



UC Pomologist Ken Shackel and course participants measure stem water potential



UC Nematologist Andreas Westphal with course participants at Kearney Ag. Center during the field tour

Course Registration & Fees

Registration is now open.
Please use the online registration available
on the UC Fruit & Nut website:
<http://fruitsandnuts.ucdavis.edu>

The enrollment fees will cover classroom
instruction, all course materials, breakfast,
coffee breaks, lunches, and evening social.

Reservations will be accepted on a first paid,
first enrolled basis.

\$2,975 for the entire course
\$1,975 for the first week only

For More Information contact:

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The mission of the Fruit & Nut Research &
Information Center (FNRIC) is to aid in the
coordination and dissemination of University of
California research and extension activities related
to fruit and nut crops. The FNRIC has developed
an educational website and extension courses.

<http://fruitsandnuts.ucdavis.edu>

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Up to date knowledge of biology and technology combined with our
instructors' experience is the basis for making sound orchard man-
agement and business decisions. The University of California Co-
operative Extension and the Fruit & Nut Research & Information
Center are offering this class to provide instruction on applied fruit
and nut tree biology and how it relates to pomological practices



UC Pomologist
Ted DeJong

On Campus & In The Field

Understanding the fundamentals of tree biology
is essential to making sound orchard man-
agement and business decisions in the tree
fruit and nut industry. However, access to
educational courses on basic fruit and nut
tree biology, and how it relates to horticultural
practices, is limited. Our course incorporates
lecture, lab exercises, and field demonstra-
tions to provide information on all aspects of
basic plant biology and the relationship be-
tween plant biology and orchard manage-
ment.

Our course includes nine full days of instruction. The first five days
will be held at the UC Davis Conference Center, with field
excursions to the Pomology Teaching Orchard and Wolfskill
Experimental Orchard for hands-on field exercises and
demonstrations. The following week we will embark upon
a four-day field trip throughout fruit and nut tree growing
regions of Northern and Central California.

Course Topics

- Tree growth, development & pruning
- Dormancy, chilling & rest breaking
- Flowering, pollination & fruit set
- Fruit development & thinning
- Tree water relations & irrigation
- Plant nutrition & fertilization
- Root growth & rootstocks
- Integrated pest management