

HORT 1001 CROP PRODUCTION

Credit Points 10

Legacy Code 300815

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Description This unit aims to provide students with an understanding of the scientific basis of sustainable crop and food production and security. These include broad-acre cropping, fruits/orchards and vegetables. In this unit students will gain an understanding of the physiological controls on crop yield in the variable Australian environment in which crops are grown. Students will become familiar with the science and practice of sustainable crop production and develop crop management skills through the production of nursery crops, vegetables and fruits. Students will also gain an understanding of processing these crops after harvest, to develop an appreciation of factors impacting upon produce quality and safety.

School Science

Discipline Horticulture

Student Contribution Band HECS Band 1 10cp

Check your HECS Band contribution amount via the Fees (https://www.westernsydney.edu.au/currentstudents/current_students/fees/) page.

Level Undergraduate Level 1 subject

Equivalent Subjects HORT 1003 - Horticultural Production 2 BIOS 2023 - Fruit Production LGYA 5943 - Floriculture HORT 1002 - Crop Production

Assumed Knowledge

Basic knowledge of plants.

Assessment

The following table summarises the standard assessment tasks for this subject. Please note this is a guide only. Assessment tasks are regularly updated, where there is a difference your Learning Guide takes precedence.

Item	Length	Percent	Threshold	Individual/ Group Task
Crop Production Report	1,000 words	15	N	Individual
Food Processing and Analysis report	1,000 words	15	N	Individual
Field Work Project activities/ participation	N/A	10	N	Individual
Mid Semester Quiz	30 Minutes	10	N	Individual
Final Exam	2 Hours	50	N	Individual

Teaching Periods