

AGRI 1004 FEEDING THE PLANET

Credit Points 10

Legacy Code 300804

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Description This unit will explore the concepts driving current food production science (population growth, urbanization, emerging affluence, resource constraints, and underlying biological limits) in terms of their universal life cycles, constraints to production and societal issues. Throughout the unit, key questions will be addressed: What are the major health benefits and potential concerns regarding the intensification of production and consumption of food? How does agricultural production affect the efficient use of resources and impact our environment? Can costs of production be reduced to meet the growing demand for food products around the globe while maintaining health and safety for consumers? What are the different types of food production systems? Myths and misconceptions surrounding the food systems will be discussed and analysed. The unit is geared towards learners who seek a greater understanding of food systems and have a desire to learn more about issues surrounding sustainability.

School Science

Discipline Agricultural Science

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 LGYA 6095 - Primary Production

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
Numerical Problem Solving	Exercise equivalent to 30 minutes of problem solving	10	N	Individual
Report on sustainability of farm enterprise	2000 word report	20	N	Individual
Practical report	1500 words	30	N	Individual
In-class quizzes	4 quizzes of equal weighting (5%) held in class sessions = 30 minutes	20	N	Individual

Presentation : 15 minute 20 N Individual
Poster presentation
presentation on
sustainability of a farm enterprise

Teaching Periods