

# AGRI 1004 FEEDING THE PLANET

**Credit Points** 10

**Legacy Code** 300804

**Coordinator** Priti Krishna ([https://directory.westernsydney.edu.au/search/name/Priti Krishna/](https://directory.westernsydney.edu.au/search/name/Priti%20Krishna/))

**Description** This subject 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 subject, 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 subject 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 fees via the Fees ([https://www.westernsydney.edu.au/currentstudents/current\\_students/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.

Type	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