

# AGRI 2006 AGRICULTURE, FOOD AND HEALTH

**Credit Points** 10

**Legacy Code** 301389

**Coordinator** Michelle Mak (<https://directory.westernsydney.edu.au/search/name/Michelle Mak/>)

**Description** This subject is designed to strengthen student understanding of the important interactions between food, agriculture, environment and health. Traditionally the topics of food, agriculture, environment and health have been taught mainly in isolation from each other. It is becoming increasingly apparent that this traditional approach bears little relevance to real world issues and in some cases acts as an impediment to progress. Alternatives to the current 'western industrialised' food production system will be explored. These include organic agriculture, local farmer markets, and consumer driven changes to food production systems.

**School** Science

**Discipline** Agriculture, Not Elsewhere Classified.

**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 2 subject

**Incompatible Subjects** LGYA 6185 - Ecology of Production

**Assumed Knowledge**

Basic understanding of resource sustainability issues.

## Learning Outcomes

On successful completion of this subject, students should be able to:

1. Analyse the impacts of food choices on personal health.
2. Analyse the impacts of food choices on the environment.
3. Analyse impacts of food choices on the businesses and communities that provide food services.
4. Apply conceptual models to the analysis of food supply chains.
5. Critically evaluate current and future food supply systems.

## Subject Content

Influence of current food production systems on the ?ewestern?f diet.

Current public health issues and their link to diet.

Influence of diet on food production systems.

Impact of diet on the environment.

Analysis of the distribution of food costs along the food supply chain

Concept of ethical eating

Concept of sustainable diets

## 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
Industry Seminar	15 minutes	20	N	Individual
Mid semester assessment - Essay	2,000 words	20	N	Individual
Assessment of Practicals - Reports	1 report 1,000 words	20	N	Individual
Final examination	2 hours	40	N	Individual