

## AGRI30012 Food & Water:Global Issues Local Impacts

<b>Credit Points:</b>	12.50
<b>Level:</b>	3 (Undergraduate)
<b>Dates &amp; Locations:</b>	Intensive teaching block at the Dookie campus during the September/October mid-semester break (5 day week - Monday - Friday). Flexible delivery including lectures, tutorials and forums. Accommodation and catering available on campus - approximately \$320 for single room accommodation, breakfast and dinner. Lunch available for purchase from the dining hall.
<b>Time Commitment:</b>	Contact Hours: 36 hours Total Time Commitment: 120 hours
<b>Prerequisites:</b>	None
<b>Corequisites:</b>	None
<b>Recommended Background Knowledge:</b>	None
<b>Non Allowed Subjects:</b>	None
<b>Core Participation Requirements:</b>	It is University policy to take all reasonable steps to minimise the impact of disability upon academic study, and reasonable adjustments will be made to enhance a student's participation in the University's programs. This course requires all students to enrol in subjects where they must actively and safely contribute to field excursions and laboratory activities. Students who feel their disability will impact on meeting this requirement are encouraged to discuss this matter with the Subject Coordinator and Disability Liaison Unit (8344 7068 or DLU-enquiries@unimelb.edu.au).
<b>Contact:</b>	<b>Melbourne School of Land &amp; Environment Student Centre</b> Ground Floor, Melbourne School of Land & Environment (building 142) <i>Enquiries</i> Phone: 13 MELB (13 6352) Email: <a href="mailto:13MELB@unimelb.edu.au">13MELB@unimelb.edu.au</a> (mailto:13MELB@unimelb.edu.au)
<b>Subject Overview:</b>	Globally there is a broad range of issues identified as impacting on the future of our planet. These issues include climate change, water availability and quality, waste and recycling, energy, biodiversity, salinity and land degradation, biotechnology and genetically modified organisms, changing demographics, human and animal welfare issues. In order to bring about change globally these issues must be addressed at the regional and national level. The long term future of our rural communities will depend on how we meet these challenges. This subject will explore these issues at the catchment level analysing how these issues impact on the catchment, practice change requirements, and develop strategies for decision making and implementation as well as critically evaluating environmental, social and economic implications of change
<b>Learning Outcomes:</b>	At the completion of this subject students will be able to: <ul style="list-style-type: none"> <li># Evaluate -- using available information sources on specific cases -- the impacts of increasing human populations, urbanization and globalization on prospects for sustainable agricultural production, food security and safety, and the health of human communities;</li> <li># Understand and assess a wide range of policy alternatives to deal with evaluating environmental, social and economic change</li> <li># investigate, assess and design a sustainable food system;</li> </ul>
<b>Assessment:</b>	2 hour end of semester exam- 40%, Assignment (2,500 words) - 30%, Discussion Group/ Workshop - 30%
<b>Prescribed Texts:</b>	None
<b>Breadth Options:</b>	This subject potentially can be taken as a breadth subject component for the following courses: <ul style="list-style-type: none"> <li># <b>Bachelor of Arts</b> (<a href="https://handbook.unimelb.edu.au/view/2014/B-ARTS">https://handbook.unimelb.edu.au/view/2014/B-ARTS</a>)</li> <li># <b>Bachelor of Biomedicine</b> (<a href="https://handbook.unimelb.edu.au/view/2014/B-BMED">https://handbook.unimelb.edu.au/view/2014/B-BMED</a>)</li> </ul>

	<p># <b><u>Bachelor of Commerce</u></b> (<a href="https://handbook.unimelb.edu.au/view/2014/B-COM">https://handbook.unimelb.edu.au/view/2014/B-COM</a>)</p> <p># <b><u>Bachelor of Environments</u></b> (<a href="https://handbook.unimelb.edu.au/view/2014/B-ENVS">https://handbook.unimelb.edu.au/view/2014/B-ENVS</a>)</p> <p># <b><u>Bachelor of Music</u></b> (<a href="https://handbook.unimelb.edu.au/view/2014/B-MUS">https://handbook.unimelb.edu.au/view/2014/B-MUS</a>)</p> <p># <b><u>Bachelor of Science</u></b> (<a href="https://handbook.unimelb.edu.au/view/2014/B-SCI">https://handbook.unimelb.edu.au/view/2014/B-SCI</a>)</p> <p># <b><u>Bachelor of Engineering</u></b> (<a href="https://handbook.unimelb.edu.au/view/2014/B-ENG">https://handbook.unimelb.edu.au/view/2014/B-ENG</a>)</p> <p>You should visit <b><u>learn more about breadth subjects</u></b> (<a href="http://breadth.unimelb.edu.au/breadth/info/index.html">http://breadth.unimelb.edu.au/breadth/info/index.html</a>) and read the breadth requirements for your degree, and should discuss your choice with your student adviser, before deciding on your subjects.</p>
<b>Fees Information:</b>	Subject EFTSL, Level, Discipline & Census Date, <a href="http://enrolment.unimelb.edu.au/fees">http://enrolment.unimelb.edu.au/fees</a>
<b>Generic Skills:</b>	<p>This subject encompasses particular generic skills. On completion of the subject, students should have the:</p> <ul style="list-style-type: none"> <li>• Capacity for independent critical thought, rational inquiry and self-directed learning and research</li> <li>• Awareness of and ability to utilise appropriate communication technology and methods for the storage, management and analysis of data</li> <li>• Capacity for creativity and innovation, through the application of skills and knowledge</li> <li>• Ability to integrate information across a broad range of disciplines to solve problems in applied situations</li> <li>• Highly developed written communication skills to allow informed dialogue with individuals and groups from industry, government and the community</li> <li>• Ability to participate effectively as a member of a team</li> <li>• Ability to plan work, use time effectively and manage small projects</li> </ul>
<b>Links to further information:</b>	<a href="http://www.landfood.unimelb.edu.au/getting_started/index.html">http://www.landfood.unimelb.edu.au/getting_started/index.html</a>
<b>Related Course(s):</b>	U21 Diploma in Global Issues
<b>Related Majors/Minors/Specialisations:</b>	Production Animal Health Sustainable Production
<b>Related Breadth Track(s):</b>	Feeding the World&#x00027;s Population