

## AGRI30012 Food & Water:Global Issues Local Impacts

<b>Credit Points:</b>	12.5
<b>Level:</b>	3 (Undergraduate)
<b>Dates &amp; Locations:</b>	2016, Dookie This subject commences in the following study period/s: September, Dookie - Taught on campus. Intensive teaching block at the Dookie campus during the September/October mid-semester break (1 x 5 day week - Monday - Friday). Flexible delivery including lectures, tutorials and forums. Accommodation and catering available on campus - approximately \$450 for single room accommodation, breakfast, lunch and dinner. Further details can be viewed at Dookie Intensives or contact: Jacinta Way, Academic Support Officer, Dookie Campus, email: jway@unimelb.edu.au
<b>Time Commitment:</b>	Contact Hours: 36 hours Total Time Commitment: 170 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>	<p>For the purposes of considering request for Reasonable Adjustments under the Disability Standards for Education (Cwth 2005), and Student Support and Engagement Policy, academic requirements for this subject are articulated in the Subject Overview, Learning Outcomes, Assessment and Generic Skills sections of this entry.</p> <p>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. Students who feel their disability may impact on meeting the requirements of this subject are encouraged to discuss this matter with a Faculty Student Adviser and Student Equity and Disability Support: <a href="http://services.unimelb.edu.au/disability">http://services.unimelb.edu.au/disability</a></p>
<b>Coordinator:</b>	Ms Ros Gall
<b>Contact:</b>	Email: <a href="mailto:rosgall@unimelb.edu.au">rosgall@unimelb.edu.au</a> (mailto:rosgall@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, urbanisation and globalisation 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>	A 1200 word group assignment due approximately Week 10 worth 20% A 1500 word individual assignment due approximately Week 11 worth 30% A two-hour examination to be held in the end-of-semester exam period worth 50%
<b>Prescribed Texts:</b>	None
<b>Breadth Options:</b>	<p>This subject potentially can be taken as a breadth subject component for the following courses:</p> <ul style="list-style-type: none"> <li># <b><u>Bachelor of Arts</u></b> (<a href="https://handbook.unimelb.edu.au/view/2016/B-ARTS">https://handbook.unimelb.edu.au/view/2016/B-ARTS</a>)</li> <li># <b><u>Bachelor of Biomedicine</u></b> (<a href="https://handbook.unimelb.edu.au/view/2016/B-BMED">https://handbook.unimelb.edu.au/view/2016/B-BMED</a>)</li> <li># <b><u>Bachelor of Commerce</u></b> (<a href="https://handbook.unimelb.edu.au/view/2016/B-COM">https://handbook.unimelb.edu.au/view/2016/B-COM</a>)</li> <li># <b><u>Bachelor of Environments</u></b> (<a href="https://handbook.unimelb.edu.au/view/2016/B-ENVS">https://handbook.unimelb.edu.au/view/2016/B-ENVS</a>)</li> <li># <b><u>Bachelor of Music</u></b> (<a href="https://handbook.unimelb.edu.au/view/2016/B-MUS">https://handbook.unimelb.edu.au/view/2016/B-MUS</a>)</li> <li># <b><u>Bachelor of Science</u></b> (<a href="https://handbook.unimelb.edu.au/view/2016/B-SCI">https://handbook.unimelb.edu.au/view/2016/B-SCI</a>)</li> <li># <b><u>Bachelor of Engineering</u></b> (<a href="https://handbook.unimelb.edu.au/view/2016/B-ENG">https://handbook.unimelb.edu.au/view/2016/B-ENG</a>)</li> </ul> <p>You should visit <b>learn more about breadth subjects</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>Related Course(s):</b>	U21 Diploma in Global Issues
<b>Related Majors/Minors/Specialisations:</b>	<p>Agricultural Economics  Plant and Soil Science  Production Animal Health  Sustainable Production</p>
<b>Related Breadth Track(s):</b>	Feeding the World's Population