

## 208-279 Plants in the Environment

<b>Credit Points:</b>	12.500
<b>Level:</b>	Undergraduate
<b>Dates &amp; Locations:</b>	2008, This subject commences in the following study period/s: Semester 2, - Taught on campus.
<b>Time Commitment:</b>	Contact Hours: 24 hours of lectures, 12 hours of tutorials and 36 hours of practicals Total Time Commitment: 200 hours
<b>Prerequisites:</b>	None
<b>Corequisites:</b>	208 278 Life of Plants
<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 <a href="mailto:DLU-enquiries@unimelb.edu.au">DLU-enquiries@unimelb.edu.au</a> ).
<b>Coordinator:</b>	Greg Dunn
<b>Subject Overview:</b>	This subject covers the functional requirements of plants in different environments with emphasis on how agricultural plants are managed to achieve a commercial product. The subject covers Biomass accumulation and allocation, water use, nutritional requirements and uptake, and plant quality parameters in final product and how these can be managed for production purposes, including for use as an animal food source.
<b>Assessment:</b>	Assignments (30%), Practical reports (20%) End of semester examination (50%)
<b>Prescribed Texts:</b>	B Atwell, P Kriedemann and C Turnbull (eds), Plants in Action. McMillan, Melbourne, 1999
<b>Breadth Options:</b>	This subject is a level 2 or level 3 subject and is not available to new generation degree students as a breadth option in 2008. This subject or an equivalent will be available as breadth in the future. Breadth subjects are currently being developed and these existing subject details can be used as guide to the type of options that might be available. 2009 subjects to be offered as breadth will be finalised before re-enrolment for 2009 starts in early October.
<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>	This subject encompasses particular generic skills. On completion of the subject, students should be able to: <ul style="list-style-type: none"> <li>• Exercise problem solving skills</li> <li>• Think critically and organise knowledge</li> <li>• Apply mathematical concepts to the understanding of physical processes</li> <li>• Demonstrate both written and oral communication skills</li> <li>• Plan work and use time effectively</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>	Bachelor of Agriculture