

208-279 Plants in the Environment

Credit Points:	12.50
Level:	2 (Undergraduate)
Dates & Locations:	2009, This subject commences in the following study period/s: Semester 2, - Taught on campus.
Time Commitment:	Contact Hours: 24 hours of lectures, 12 hours of tutorials and 36 hours of practicals Total Time Commitment: 200 hours
Prerequisites:	None
Corequisites:	208 278 Life of Plants
Recommended Background Knowledge:	None
Non Allowed Subjects:	None
Core Participation Requirements:	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).
Coordinator:	Assoc Prof Gregory Mark Dunn
Subject Overview:	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.
Assessment:	Assignments (30%), Practical reports (20%) End of semester examination (50%)
Prescribed Texts:	B Atwell, P Kriedemann and C Turnbull (eds), Plants in Action. McMillan, Melbourne, 1999
Breadth Options:	This subject potentially can be taken as a breadth subject component for the following courses: # Bachelor of Arts (https://handbook.unimelb.edu.au/view/2009/D09) # Bachelor of Commerce (https://handbook.unimelb.edu.au/view/2009/F04) # Bachelor of Environments (https://handbook.unimelb.edu.au/view/2009/A04) # Bachelor of Music (https://handbook.unimelb.edu.au/view/2009/M05) You should visit learn more about breadth subjects (http://breadth.unimelb.edu.au/breadth/info/index.html) and read the breadth requirements for your degree, and should discuss your choice with your student adviser, before deciding on your subjects.
Fees Information:	Subject EFTSL, Level, Discipline & Census Date, http://enrolment.unimelb.edu.au/fees
Generic Skills:	This subject encompasses particular generic skills. On completion of the subject, students should be able to: <ul style="list-style-type: none"> • Exercise problem solving skills • Think critically and organise knowledge • Apply mathematical concepts to the understanding of physical processes • Demonstrate both written and oral communication skills • Plan work and use time effectively

Links to further information:	http://www.landfood.unimelb.edu.au/getting_started/index.html
Related Course(s):	Bachelor of Agriculture