

208-344 Studies in Advanced Breeding

Credit Points:	12.500
Level:	Undergraduate
Dates & Locations:	2008, This subject commences in the following study period/s: Semester 2, - Taught on campus.
Time Commitment:	Contact Hours: Twenty-four hours of lectures and 36 hours of tutorials/workshops Total Time Commitment: Not available
Prerequisites:	Either 208-275 Plant Production or 208-263 Animal Science and Nutrition.
Corequisites:	None
Recommended Background Knowledge:	None
Non Allowed Subjects:	None
Core Participation Requirements:	<p><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: http://services.unimelb.edu.au/disability</p></p>
Coordinator:	Mr Chris Laird
Subject Overview:	<p>This subject includes:</p> <ul style="list-style-type: none"> # methods of breeding and improvement in plants and animals including the impact of biotechnology; # genetic environmental interactions; # determining genetic traits in plants and animals; # policies and regulations of genetic material in breeding programs and commercial development; # methods of plant breeding including somatic hybridisation and tissue culture; # seed and bulk commodity quality, freedom from contamination, genetic purity and fitness for purpose; # case studies on quality parameters for wheat, barley, pulses, pigs, poultry, beef cattle and prime lambs; and genetics in conservation programs; # quality testing procedures; # plant breeders rights and variety development and commercialisation; # estimating breeding values; and # speciation, hybridisation, vegetation provenances.
Assessment:	Mid-semester examination (20%), final examination (50%), and three case study assignments (each worth 10%). Pass in practical component required.

Prescribed Texts:	None
Recommended Texts:	Information Not Available
Breadth Options:	<p>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.</p> <p>This subject or an equivalent will be available as breadth in the future.</p> <p>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.</p> <p>2009 subjects to be offered as breadth will be finalised before re-enrolment for 2009 starts in early October.</p>
Fees Information:	Subject EFTSL, Level, Discipline & Census Date, http://enrolment.unimelb.edu.au/fees
Generic Skills:	Information Not Available
Related Course(s):	Bachelor of Agriculture Bachelor of Agriculture