

FRST40004 Methods for Forest & Ecosystem Research

Credit Points:	12.50
Level:	4 (Undergraduate)
Dates & Locations:	This subject is not offered in 2012.
Time Commitment:	Contact Hours: Twenty-four hours of lectures and 24 hours of demonstrations and practical work Total Time Commitment: Not available
Prerequisites:	Nil
Corequisites:	Nil
Recommended Background Knowledge:	Nil
Non Allowed Subjects:	Nil
Core Participation Requirements:	For the purposes of considering request for Reasonable Adjustments under the Disability Standards for Education (Cwth 2005), and Students Experiencing Academic Disadvantage Policy, academic requirements for this subject are articulated in the Subject Description, Subject Objectives, Generic Skills and Assessment Requirements of this entry. The University is dedicated to provide support to those with special requirements. Further details on the disability support scheme can be found at the Disability Liaison Unit website: http://www.services.unimelb.edu.au/disability/
Contact:	Email: petera@unimelb.edu.au (mailto:petera@unimelb.edu.au) Phone: 8344 5036 Melbourne School of Land & Environment Student Centre Ground Floor, Land & Food Resources (building 142) <i>Enquiries</i> Phone: 13 MELB (13 6352) Email: 13MELB@unimelb.edu.au (mailto:13MELB@unimelb.edu.au)
Subject Overview:	<p>Understanding the principles of scientific method, experimental design, and sound data evaluation capability is crucial for successful research in forest and ecosystem science. The subject should expand understanding of scientific method, experimental design, statistics, and data evaluation and presentation in students undertaking research in forest and ecosystem science.</p> <p>On completion of the subject, students should be:</p> <ul style="list-style-type: none"> # able to formulate testable research hypotheses in forest and ecosystem science; # competent in experimental design for both laboratory and field-based research in forest and ecosystem science; # aware of the problems associated with field-based, ecological research such as limitations in replication; # able to design effective experiments to address their research questions and test a well-stated hypothesis; # able to understand the statistical principles of data evaluation and presentation in forest and ecosystem science; and # able to effectively communicate scientific results orally and know how to structure a paper for publication in a peer-reviewed journal.
Objectives:	Information Not Available

Assessment:	A 2-hour end-of-semester examination (50%), and a semester project (3000 words and oral presentation, 50%).
Prescribed Texts:	Information Not Available
Breadth Options:	This subject is not available as a breadth subject.
Fees Information:	Subject EFTSL, Level, Discipline & Census Date, http://enrolment.unimelb.edu.au/fees
Generic Skills:	Information Not Available