

ENST90013 Greenhouse Gases from Agriculture

Credit Points:	12.5
Level:	9 (Graduate/Postgraduate)
Dates & Locations:	2016, Burnley This subject commences in the following study period/s: September, Burnley - Taught on campus.
Time Commitment:	Contact Hours: approx. 30 hours (5 days of intensive delivery) Total Time Commitment: 170 hours
Prerequisites:	To enrol in this subject, you must be admitted in the Graduate Certificate in Climate Change for Primary Industry (GC-CCFPI) or Specialist Certificate in Climate Change for Primary Industries. This subject is not available for students admitted in any other courses.
Corequisites:	None
Recommended Background Knowledge:	None
Non Allowed Subjects:	None
Core Participation Requirements:	For the purposes of considering requests for Reasonable Adjustments under the Disability Standards for Education (Commonwealth 2005), and Students Experiencing Academic Disadvantage Policy, academic requirements for this subject are articulated in the Subject Overview, Objectives, Assessment and Generic Skills sections of this entry. 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 course are encouraged to discuss this matter with the Student Equity and Disability Support Team: http://www.services.unimelb.edu.au/disability/
Contact:	Kathy Griffiths, Program Coordinator TL-Climate@unimelb.edu.au (mailto:TL-Climate@unimelb.edu.au) T: +61 3 9810 3174
Subject Overview:	This subject instructs the participants to the processes by which greenhouse gases are evolved from agricultural systems, and the basis of that understanding, including options for mitigation. The principle focus will be on enteric methane and nitrous oxide emissions from soils, fertilisers and animal waste. Accounting frameworks will be introduced which will enable participants to evaluate mitigation options and consider potential for carbon trading.
Learning Outcomes:	On completion of this subject, students are expected to be better able to: <ul style="list-style-type: none"> # evaluate agricultural emissions, sources and processes; # interpret the complexity of accounting and reporting of emissions, and; # evaluate options for abatement.
Assessment:	oral presentation during intensive workshop (20%) computer-based problem completed during the intensive workshop (10%) 3000 word essay due four weeks after the intensive workshop (70%)
Prescribed Texts:	All class materials will be provided
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:	On completion of this subject, students are expected to be better able to:

	<ul style="list-style-type: none"># Collect, evaluate and integrate policy information and published literature;# Work constructively with colleagues; respect the value of other points of view, and identify knowledge gaps;# Prepare written documents of a high quality that clearly and convincingly inform the reader.
Links to further information:	http://www.commercial.unimelb.edu.au/climatechange/
Related Course(s):	Graduate Certificate in Climate Change for Primary Industries Postgraduate Certificate in Climate Change for Primary Industries