421-606 Solid Wastes to Sustainable Resources

Credit Points:	12.500
Level:	Graduate/Postgraduate
Dates & Locations:	2008, This subject commences in the following study period/s: Semester 1, - Taught on campus.
Time Commitment:	Contact Hours: 36 Hours; Non contact time commitment 84 Hours Total Time Commitment: Not available
Prerequisites:	None
Corequisites:	None
Recommended Background Knowledge:	None
Non Allowed Subjects:	None
Core Participation Requirements:	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. 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
Coordinator:	Graham Moore
Subject Overview:	Lectures, syndicate work and excursions on the properties of solid wastes and pollutants, the categories and classes of solid wastes, municipal solid wastes, cleaner production, industrial wastes; disposal techniques.
Assessment:	Four assignments and one seminar presentation totalling 5,000 words equivalent.
Prescribed Texts:	None
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 successful completion, students will be able to: # describe the major environmental problems caused by inappropriate production and disposal of solid by-products manufacturing and consumption # identify and describe the role of various systems of treatment of hazardous wastes # classify and model sources of solid wastes # conduct life cycle analysis and cleaner production assessments # apply principles of sustainable development to the management of solid by-products # conduct conceptual designs to enable the avoidance, minimization, recycling, re-use and treatment of solid by-products # analyse the role regulatory systems in solid wastes management
Notes:	Safety boots required for site visits.
Related Course(s):	Master of Development Technologies Master of Energy Studies Master of Engineering Project Management Master of Engineering Structures

	Master of Environmental Engineering Master of Utilities Management Master of Water Resource Management