



Master of Environmental Management and Sustainability

Program Information	Location	English	2009 Fees	Further Information
<p>Program code: LMES</p> <p>Program content: 54 units</p> <p>Duration: 1.5 years</p> <p>Program CRICOS code: 058635G</p> <p>Intake: Study Periods 2 and 5</p>	<p>Mawson Lakes campus</p> <p>School of Natural and Built Environments</p> <p>www.unisa.edu.au/nbe</p>	<p>IELTS overall 6.0 (minimum 6.0 in each band)</p> <p>TOEFL overall 575 paper based 232 computer based 90 internet based</p> <p>CELUSA Successful completion of an Academic English Program to the required standard</p>	<p>Total program fee: A\$28,080 (for 54 units)</p> <p>(see Note 2)</p>	<p>Email: International.office@unisa.edu.au</p> <p>Web: Program www.unisanet.unisa.edu.au/programs/?Year=2008 (insert Program Code LMES)</p> <p>General www.unisa.edu.au/international</p>

The University of South Australia's Environmental Management and Sustainability program is the only professional qualification of its kind in Australia. The program has been developed with extensive input and support from industry. An industry based advisory group has been established to oversee the delivery and application of the program to ensure it continues to meet industry standards. Some of the courses are delivered by industry practitioners from across various government departments as well as private enterprise and reflects the current state of play in environmental management and sustainability in Australia and overseas.

The program has been designed to develop the skills necessary to perform as a professional in the field of environmental management and sustainability. In Adelaide, where the state's total environmental effort is managed through Natural Resource Management Boards, these qualifications provide invaluable skills and opportunities for graduates. Developed from industry's demand to meet the growing diversity of responsibilities and challenges encountered by managers in this field and the growing demand for skilled resource management practitioners, this program explores the theory and practice of managing and sustaining our natural environment. The University of South Australia's Environmental Management and Sustainability program will help to develop:

- skills to understand and manage natural resources within a sustainability framework
- multi disciplinary skills
- understanding and application of systems thinking
- spatial data management and analysis skills
- project management skills

The program has been designed for those already working in the natural resource management area who want to broaden their skill base and for those with generic undergraduate education (such as engineering) who are interested in moving into the natural resource management area.

University of South Australia offers the most up to date GIS and spatial data analysis equipment for students of this program with all GIS laboratories equipped with the latest software that meets industry standards. The program offers the unique application of geospatial sciences in the context of natural resource management. It is also unique in that the combination of courses has been particularly tailored to people working in the natural resources management industry or who want to work in that industry at an advanced management level.

Entry requirements

To enter this program you will need an undergraduate degree or recognised equivalent in any discipline.

Associated programs

A Graduate Diploma and Graduate Certificate in Environmental Management and Sustainability are also available.

Program content

The Masters program requires the completion of 54 units of courses selected from one of the streams; Natural Resource Management, Water Management, Geospatial Science or Urban Ecology. Students are required to complete 36 units of courses of study in their choice of stream. The program comprises of four core courses (18 units) and 4 elective stream courses (18 units) plus Environment Research Projects 1 & 2, or the program of study may consist of 4 core courses (18 units) and eight elective stream courses (36 units).

Core courses (all streams)		Elective courses (all streams)	
Seminar in Sustainability	4.5 units	Engineering Research Methods	4.5 units
Environmental Informatics	4.5 units	Environmental Research Project 1	9.0 units
Water Quality Management	4.5 units	Environmental Research Project 2	9.0 units
Strategic Project Management	4.5 units		
Environmental Impact Assessment	4.5 units		
Natural Resource Management stream			
Introduction to Regional and Urban Planning	4.5 units	Water Quality Fundamentals and Processes N	4.5 units
Urban Development and Implementation	4.5 units	Water Resources and Society	4.5 units
Sustainable Urban Design	4.5 units	Design of Flood and Drainage Systems	4.5 units
Transport and Planning	4.5 units	Water Quality Management	4.5 units
Contemporary Social Issues	4.5 units	Water Quality Modelling	4.5 units
Sustainable Urban Design Workshop	4.5 units	Water Resources Planning & Management	4.5 units
GIS Project in Planning	9.0 units	Consultation and Negotiation	4.5 units
Geographical Info Systems for Planners	4.5 units	Contaminated Site Management	4.5 units
Energy and Society	4.5 units	Coastal Management	4.5 units
Energy Management for Sustainability	4.5 units	Advanced Park Planning	4.5 units
Raster Data and Analysis	4.5 units	Engineering Research Methods	4.5 units
Introduction to Geographical Info Systems	4.5 units		
Water Management stream			
Water Resources Planning and Management	4.5 units	Water Quality Fundamentals and Processes	4.5 units
Design of Flood and Drainage Systems	4.5 units	Advanced Water Quality and Wastewater Mgmt	4.5 units
Water Quality Modelling	4.5 units	Hydrology and Water Resources Advanced Topics 1	4.5 units
Geospatial Science stream		Urban Ecology stream	
Introduction to Geographical Info Systems	4.5 units	Greening Cities: Vegetation Management Issues	4.5 units
GIS Modelling and Analysis	4.5 units	Urban Biodiversity Conservation and Restoration	4.5 units
Raster Data and Analysis	4.5 units	Wildlife in Cities: Animal Management Issues	4.5 units
Environmental Impact Assessment	4.5 units	Community Partnerships in Urban Biodiversity Mgmt	4.5 units

Recognition of prior learning

University of South Australia may grant course credit, exemption or studies-in-lieu on the basis of previous study or work experience. Credit will not normally be granted for more than one third of the total units of the program. For University of South Australia policy on credit please visit <http://www.unisa.edu.au/policies/policies/academic/A13.asp>

Contacting University of South Australia

General Enquiry

International students can either telephone or email to obtain information about study opportunities at University of South Australia:

Telephone: +61 3 9627 4854

Email: international.office@unisa.edu.au

Program Enquiry

International students should contact UniSA International or visit the website www.unisa.edu.au/international/default.asp for information about application procedures and specific study opportunities.

UniSA International

Telephone: +61 8 8302 1114

Fax: +61 8 8302 0233

Email: international.students@unisa.edu.au

How to Apply

International students wishing to apply for a program can do so through Apply Online via the weblink below or via email directly to UniSA International.

Email: international.applications@unisa.edu.au

Web: www.unisa.edu.au/international/apply/default.asp#step2

Notes:

- The information contained in this publication is indicative only and is designed as an aid to students contemplating enrolment at University of South Australia. While every effort is made to provide full and accurate information at the time of publication, the University does not give any warranties in relation to the accuracy and completeness of the contents. The University does not accept responsibility for any loss or damage occasioned by use of the information contained in this publication. The University also reserves the right to discontinue or vary arrangements, programs, courses (units), assessment requirements and admission requirements without prior notice. While the University will try to avoid or minimise any inconvenience, changes may also be made to programs, courses (units), assessment requirements and staff after enrolment. The University may also set limits on the number of students in a program or course (unit). Program and course (unit) information is also published in the University Handbooks, see www.unisa.edu.au/prospective/Program/fees.asp
- All tuition fees are shown in Australian dollars and are for commencing students for the particular program. Please note that the fee can vary according to the annual program load and total duration. The total program fee must be considered as the cost of the program.
- Prior to applying to University of South Australia, please refer to the following website for further information on studying in Australia including visa and government requirements, facilities and resources, campus lifestyle, accommodation, living costs, and support services: www.unisa.edu.au/international/predeparture
- Depending on demand, not all elective courses in the schedule may be offered in any one year. Elective courses are offered subject to student demand and staff availability. Postgraduate courses offered within the University of South Australia or from other universities may be substituted for the elective course(s) with permission of the Program Director. Individual programs of study to satisfy the overall formal study requirements of 54 units may be constructed by choice of other courses with the approval of the Program Director.
- The 54 units of study may or may not contain a research component. Students who choose to include a research component will take 4 core courses (18 units), 13.5 units of elective stream courses, and Engineering Research Methods (ENGG 5006), Environmental Research Project 1 and Environmental Research Project 2. Students who do not wish to include a research component will take 54 units of course work (12 x 4.5 units) consisting of 4 core courses (18 units), and 8 elective stream courses (36 units).
- Students undertaking Environmental Research Projects 1 & 2 will normally enrol in these courses in their second year of study. Research topics will normally be identified earlier. Students taking the Natural Resource Management stream may select any combination of electives.