

Environmental Management and Sustainability

+ Graduate Certificate
+ Graduate Diploma
+ Masters Degree

Experience. The Difference.



Are you passionate about looking after our planet? Then UniSA's Environmental Management and Sustainability program might be just what you're looking for.

The program has been developed with extensive input and support from industry and reflects the current state of play in environmental management and sustainability in Australia and overseas.

About the program

Postgraduate studies in Environmental Management and Sustainability at UniSA have been designed to develop the skills necessary to perform as a professional in the field of environmental management and sustainability. In South Australia, 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 new program explores the theory and practice of managing and sustaining our natural environment.

The UniSA 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.

The program has been developed with extensive input and support from industry, who have been involved in the design of course content and delivery methods. An industry based advisory group has also been established to oversee the delivery and application of the program to ensure it continues to meet industry standards. In addition to this, some of the courses are delivered by industry practitioners from across various government departments as well as private enterprise.

Courses are offered internally with some online components and supported by online learning materials. Some courses will be offered in intensive, block mode and most courses are offered in the afternoons, tailored to full-time workers studying part-time.

The contemporary content reflects the current state of play in environmental management and sustainability in Australia and overseas and creates work ready professionals ready to meet the challenges of modern day resource management.

UniSA 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.

Masters of Environmental Management and Sustainability

(Graduate Certificate and Graduate Diploma programs also available)

Program code: LMES
Program Streams Available:

- Water Management
- Natural Resource Management
- Geospatial Science
- Urban Ecology

Home campus: Mawson Lakes
Program duration: 1.5 years



Natural Resource Management Stream

The strand provides professionals in the Natural Resource Management agencies and industry with the opportunity to develop a new range and skills and understandings relevant to their profession. It provides an introduction to the basic concepts and theoretical underpinnings of Environmental Management and Sustainability with a focus on developing a basic skill-set in these areas and the opportunity to choose a set of courses that suit their particular professional needs and interests.



Geospatial Science Stream

The Geospatial Science Stream is aimed at professionals who wish to develop their knowledge and skills in GIS, Remote Sensing and spatial analysis and modelling to an advanced level. The contemporary content reflects the current state of play in environmental management and sustainability in Australia and overseas and creates work ready professionals ready to meet the challenges of modern day resource management.



Water Management Stream

The management of water resources is one of the most important aspects in achieving a sustainable future. This stream enables student to develop their skills and knowledge in such areas as flood control and mitigation, water quality control and modelling, waste water management and hydrology.



Urban Ecology Stream

As more and more people live in urban environments it becomes increasingly important to manage the urban ecosystem. This stream enables student to develop an understanding of the role of plants and wild animals in the ecology of cities and their management. It provides students with an understanding of the ecological principles and environmental management practices involved in greening cities by means of biodiversity conservation and restoration projects, as well as the skills to develop and sustain effective partnerships with government, business/industry and the wider community.

Entry requirements

Applicants are required to hold a recognised University undergraduate degree or equivalent qualification or five years relevant industry experience. For full details visit www.unisanet.unisa.edu.au/programs. Domestic students must apply through SATAC: www.satac.edu.au

Further information

Domestic applicants

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