Graduate Attributes

An understanding of:
- sustainability concepts and principles and their application in social, economic and environmental contexts
- policy development and application
- governance arrangements ranging from international law and conventions to local and community organisations

A knowledge of:
- the causes and potential impacts of climate change
- key technologies being developed and applied towards sustainability goals: energy generation, pollution mitigation, land use systems, environmental restoration

The ability to:
- demonstrate highly developed communication skills
- relate to a wide range of specialists
- initiate and manage change
- apply systems analysis and integrated approaches to problem solving

Further Information:

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<thead>
<tr>
<th>Faculty of Sciences</th>
<th>Ground Floor, Darling Building University of Adelaide SA 5005</th>
</tr>
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<tbody>
<tr>
<td>Telephone</td>
<td>+61 8 8303 5673</td>
</tr>
<tr>
<td>Facsimile</td>
<td>+61 8 8303 4386</td>
</tr>
<tr>
<td>Email</td>
<td><a href="mailto:faculty.sciences@adelaide.edu.au">faculty.sciences@adelaide.edu.au</a></td>
</tr>
<tr>
<td>Web</td>
<td><a href="http://www.sciences.adelaide.edu.au">www.sciences.adelaide.edu.au</a></td>
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Course Overview
Increasingly, sustainability - environmental, social and economic - is becoming a core objective of governments, organisations and businesses around the world. Sustainability requires the integration of many disciplines and spheres of interest, each with a unique set of concepts, paradigms and approaches. The postgraduate program in sustainability at the University of Adelaide features the multidisciplinary perspective that is so critical to addressing the complex challenges of the future. The curriculum incorporates views and courses from every Faculty and many disciplines at the University. Topics include the science of climate change, sustainable resource management, policy and legislative frameworks for global change, sustainable energy technologies, social responsibility, community engagement and more.

Study Mode and Duration
The Graduate Certificate in Sustainability may be completed in one semester, the Graduate Diploma in two semesters, the Masters in Sustainability in three semesters and the Masters (Advanced) over four semesters of full-time study. The programs may be completed by part-time study over longer periods. Courses are delivered via a wide range of modes, including some intensive short courses.

Curriculum
Core courses are grouped into five themes: Science and the Environment, Technology and Innovation, Governance, Social Responsibility and Economics. Courses must be taken from several of these areas, with choices available within themes.

- **GRADUATE CERTIFICATE IN SUSTAINABILITY**
  - 12 units comprising:
    - Climate Change: Mitigation and Adaptation **PLUS** 9 units comprising courses from 2 of the 5 thematic areas

- **GRADUATE DIPLOMA IN SUSTAINABILITY**
  - 24 units comprising:
    - Climate Change: Mitigation and Adaptation **PLUS** 21 units from courses selected from at least 4 of the 5 thematic areas

- **MASTERS IN SUSTAINABILITY**
  - 36 units comprising:
    - In addition to the requirements for the Graduate Diploma, **EITHER**
      - a) research project - 12 units **or**
      - b) additional coursework - 12 units as either additional courses from the 5 thematic areas or from a list of electives.

- **MASTERS (ADVANCED) IN SUSTAINABILITY**
  - 48 units comprising:
    - In addition to the requirements for the Graduate Diploma, **BOTH**
      - a) research project - 12 units **and**
      - b) additional coursework - 12 units as either additional courses from the 5 thematic areas or from the list of electives.

The research project is normally taken after completion of 24 units of coursework. The University’s institute for climate change and sustainability will coordinate the projects, providing students with the opportunity to collaborate in larger projects of relevance to external partners and agencies. Interaction between institute members and student research groups will ensure that the most up-to-date information is incorporated into this component of the Masters program.

Eligibility, Application and Fees
The minimum entry requirement is a three-year degree from the University of Adelaide or an equivalent degree from another institution. Fees and application details are available at [http://www.adelaide.edu.au/programfinder/pgcw/sciences/](http://www.adelaide.edu.au/programfinder/pgcw/sciences/)

Careers
The degree is relevant to graduates wanting to develop knowledge and skills in an area with wide application and immediate relevance. It provides the latest sustainability research findings and insights to people in government and industry, including what these mean for their organisations and how their activities can contribute to sustainable global futures.

Graduates from the Sustainability Coursework Programs are sought by the building, transport, manufacturing, energy and agriculture industries with increasing needs in sustainability. Graduates can expect to find jobs in government departments, consultancy agencies, market research firms, mining, water and manufacturing companies, just to name a few.