

# 2019 MAJOR – Environmental Management

(Qualifying Major for Bachelor of Environment)

Environmental managers work in diverse and challenging professional roles at the interface between human societies and their environments. The Major in Environmental Management develops students' professional literacy across environmental science and geography by building knowledge and skills in applied environmental studies in both the biophysical and social domains. The core program integrates scientific and social understanding in the context of sustainability, connectivity, conservation and management. This interdisciplinary and collaborative approach to environmental management recognizes the interdependence of humans and the environment, and the role of humans in influencing and managing environmental issues in a changing world. The general aims of this program are: to establish a set of core concepts that are fundamental to research and professional practice in environmental management, to develop an understanding of the need for interdisciplinary, collaborative, integrated and adaptive approaches to environmental management, to develop skills in examining, analyzing, interpreting and integrating scientific information, critically evaluating data from various primary and secondary sources and using this data to inform decision making and management in environmental systems, to demonstrate the usefulness and application of both social and scientific thinking and information to the process of environmental decision making and management, to develop appropriate knowledge and skills to enable professional and effective participation in a relevant environmental career and to foster Life Long Learning.



**The table below is a suggested first session for students beginning in Session 2, 2019.** Please make your selection of units after reviewing the requirements of your award in the 2019 Handbook:

[www.handbook.mq.edu.au/2019/DegreesDiplomas/Degree/Bachelor+of+Environment](http://www.handbook.mq.edu.au/2019/DegreesDiplomas/Degree/Bachelor+of+Environment)

## Suggested First Session

### Session 2, 2019

Unit Code	Unit Name
ENV118	Environmental Management for a Changing World
GEOS125	Earth Dynamics
STAT170	Introductory Statistics
CBMS107 or CBMS108 or Elective	Foundations of Chemical and Biomolecular Sciences 1 Foundations of Chemical and Biomolecular Sciences 2 Choose an elective unit


- You must also meet the general requirements for the degree for which you will qualify.
- It may be possible to satisfy the requirements of your degree by taking a different selection of units in your first session from those suggested above.
- Although mathematics is not required in the Environmental Management major, some background knowledge is helpful. Popular electives for Environmental Management students include geography and planning [GEOP111, GEOP181] and computing [COMP115, ISYS114]. Some units are available in more than one session. Outside the

FIND OUT MORE  
CONTACT: STUDENT CONNECT  
LEVEL 2, MUSE C7A PHONE: 9850 6410  
Macquarie University NSW 2109 Australia  
[Handbook.mq.edu.au](http://Handbook.mq.edu.au)

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Faculty of Science and Engineering, ACSC100 is a unit designed to help science students with communication and writing skills.

- Bridging courses in mathematics are available and recommended for those without recent HSC study: [www.tinyurl.com/bridgingmq](http://www.tinyurl.com/bridgingmq).
- Consider what units you will want to study in second and third year. Prerequisite requirements for those units must be completed prior to enrolment in the higher-level unit. Units at 200 and 300 level in a program of study may have prerequisites. The core 200 level units for the Environmental Management major are ENV264 and ENV267. Look ahead to 300 level to see what opportunities these 200 level units will allow you, and which other units may be desirable.
- For a double major complete required units for both majors where possible in the first year. If considering a double major consult the criteria found at [www.handbook.mq.edu.au/2019/Majors](http://www.handbook.mq.edu.au/2019/Majors).
- You can receive specific program advice from the faculty at any stage in your degree by lodging a "Program Advice" enquiry via <http://ask.mq.edu.au>.



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