

Institute of Environmental Studies

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About IES

The environmental expertise of six faculties at UNSW has been brought together to provide practical and flexible programs in environmental management, designed for people from a wide range of disciplinary backgrounds, professional experience and environmental knowledge. They provide a solid foundation in the frameworks and tools for environmental management and an understanding of the key disciplinary approaches, whilst also enabling students to tailor a program to suit their special needs, by drawing on more than 100 relevant elective courses at UNSW.

These University-wide programs are coordinated by the Institute of Environmental Studies. They may be taken part-time or full-time and by distance or on-campus.

Entry Qualifications

An appropriate degree of Bachelor from UNSW or a qualification considered equivalent from another university or tertiary institution. Performance in the undergraduate degree and/or relevant experience will be taken into account in granting admission. An applicant may be granted admission to the GradCert on the basis of evidence of other academic or professional attainments, including relevant experience.

Program Rules and Information

8619 Master of Environmental Management

MEM

Typical Duration

1.5 years

Minimum UOC for Award

72 units of credit

Typical UOC per Session

24 units of credit

Program Description

The Master of Environmental Management is a 72 unit of credit program, which will ordinarily be taken over a minimum of three full-time sessions, or six part-time sessions.

The program offers students a solid grounding in the frameworks, tools and basic knowledge relevant to this field. The program particularly emphasises sustainability in environmental management.

This program is articulated with the Graduate Certificate and Graduate Diploma of Environmental Management programs (see Articulation Rules below).

Program Structure

Ordinarily, students must complete:

1. Three compulsory 6 UOC Core Courses (totalling 18 UOC)
2. Four 6 UOC Fundamental Knowledge courses (totalling 24 UOC)
3. Elective courses, to make up the total of 72 UOC overall.

Students who achieve a Distinction level (75%) average in their first four courses may seek approval from the Program Coordinator to replace some electives with an approved project (of 6, 12 or 18 UOC).

Core Courses

IEST5001	Frameworks for Environmental Management	(6 UOC)
IEST5002	Tools for Environmental Management	(6 UOC)
IEST5003	Addressing Environmental Issues	(6 UOC)

Fundamental Knowledge

Students will bring very different knowledge bases to the program, and will need to fill different knowledge gaps to achieve the 'fundamental knowledge' required for the Master of Environmental Management program. Students will be required to take those Fundamental Knowledge courses for which they cannot demonstrate sufficient background. For example, a student with a background in Engineering will probably take Fundamental Knowledge courses in Ecology, Economics, Law and Social Science, while a student with a Social Science/Law background will probably take Fundamental Knowledge courses in Ecology, Economics, Engineering and Physical Science.

The courses to be taken will be determined following discussion of academic qualifications and experience with the Program Coordinator. Ordinarily, students will take four out of the six Fundamental Knowledge courses.

Fundamental Knowledge Courses

BIOS9001	Fundamental Knowledge in Environmental Management: Ecology	(6 UOC)
CHEM7300	Fundamental Knowledge in Environmental Management: Physical Science	(6 UOC)
CVEN9895	Fundamental Knowledge in Environmental Management: Engineering	(6 UOC)
ECON5125	Fundamental Knowledge in Environmental Management: Economics	(6 UOC)
HPSC5520	Fundamental Knowledge in Environmental Management: Social Science	(6 UOC)
LAWS3439	Fundamental Knowledge in Environmental Management: Law	(6 UOC)

Note: Where students can demonstrate sufficient disciplinary background or experience they may, with the permission of the Program Coordinator, take fewer than four Fundamental Knowledge courses, and replace them with additional electives. In exceptional cases, students may be required to take more than four fundamental knowledge courses.

Note: IEST5001 is to be taken at the start of the program, while IEST5003 should be taken in the final session.

Academic Rules

Please refer to the Program Structure and contact the IES Office for further information.

Admission Requirements

(1) A candidate for the MEM shall have been awarded an appropriate degree of Bachelor from the University of New South Wales or a qualification considered equivalent from another university or tertiary institution at a level acceptable to the Admissions and Progression Sub-Committee (hereafter referred to as the Committee) of the Management Committee for the MEM. Performance in the undergraduate degree and/or relevant experience will be taken into account in granting admission.

(2) Candidates not holding an approved Bachelor degree but who are admitted to the Graduate Certificate in Environmental Management and who complete the four courses comprising the Certificate at the first attempt, at a minimum of credit average, may apply to upgrade their enrolment to the Masters and to be given advanced standing for 2 of the courses completed for the GradCert.

(3) In exceptional cases an applicant who submits evidence of such other academic or professional qualifications and/or relevant experience, as may be approved by the Committee, may be permitted to enrol for the degree.

(4) If the Committee is not satisfied with an applicant's qualifications and/or relevant experience the Committee may require the applicant to undergo such assessment or carry out such work as the Committee may prescribe, before permitting enrolment.

Articulation rules

Candidates whose entry to the Masters is approved may carry 24 units of credit from the Graduate Certificate to the Masters, provided the lower award has not been taken out.

Candidates seeking entry to the Masters via credit-level performance in the GradCert may carry 12 units of credit to the Masters program provided that the lower award has not been taken out.

Candidates may carry 48 units of credit from the Graduate Diploma to the Masters, provided the lower award has not been taken out.

Where a GradCert or GradDip has been awarded and students wish to enrol at the next level (the GradDip or the Masters), the Committee will determine the courses already completed which may be credited to the new program. Note that these may not be fully credited to the new program.

5499 Graduate Diploma in Environmental Management

GradDip

Typical Duration

1 year

Minimum UOC for Award

48 units of credit

Typical UOC per Session

24 units of credit

Program Description

The Graduate Diploma in Environmental Management is a 48 unit of credit program, which may be taken in over 2 session (full-time) or over 4 sessions (part-time).

The program offers students a solid grounding in the frameworks, tools and basic knowledge relevant to this discipline. The program particularly emphasises sustainability in environmental management.

The Graduate Diploma program is fully articulated with the Master of Environmental Management (see Articulation Rules below).

Program Structure

Ordinarily, students must complete two compulsory 6 UOC core courses, four 6 UOC Fundamental Knowledge courses, and two 6 UOC Elective course, to make up a total of 48 UOC.

If less than 4 Fundamental Knowledge courses are taken the remaining units of credit will be taken as specialist electives. In special circumstances the Program Coordinator may require a substitution of a fifth Fundamental Knowledge course in place of a specialist elective.

In choosing courses, students will consult with the Program Coordinator. This process will be influenced by the timetabling and availability of courses, as well as the enrolling student's needs, experience and previous qualifications.

Core Courses

UEST5001	Frameworks for Environmental Management	(6 UOC)
UEST5002	Tools for Environmental Management	(6 UOC)

Fundamental Knowledge Courses

BIOS9001	Fundamental Knowledge in Environmental Management: Ecology	(6 UOC)
CHEM7300	Fundamental Knowledge in Environmental Management: Physical Science	(6 UOC)
CVEN9895	Fundamental Knowledge in Environmental Management: Engineering	(6 UOC)
ECON5125	Fundamental Knowledge in Environmental Management: Economics	(6 UOC)
HPSC5520	Fundamental Knowledge in Environmental Management: Social Science	(6 UOC)
LAWS3439	Fundamental Knowledge in Environmental Management: Law	(6 UOC)

Academic Rules

Conditions for the Award of the Degree Graduate Diploma (GradDip)

1. A Graduate Diploma may be awarded by the Council to a candidate who has satisfactorily completed a program of advanced study.

Qualifications

2. (1) A candidate for the diploma shall have been awarded an appropriate degree of Bachelor from the University of New South Wales or a qualification considered equivalent from another university or tertiary institution at a level acceptable to the Postgraduate Coursework Education Committee of the appropriate faculty (hereinafter referred to as the Committee).

(2) An applicant who submits evidence of such other academic or professional attainments as may be approved by the Committee may be permitted to enrol for the diploma.

(3) If the Committee is not satisfied with the qualifications submitted by an applicant the Committee may require the applicant to undergo such assessment or carry out such work as the Committee may prescribe, before permitting enrolment.

Enrolment and Progression

3. (1) An application to enrol as a candidate for the diploma shall be made on the prescribed form which shall be lodged with the Registrar at least two calendar months before the commencement of the session in which enrolment is to begin.

(2) A candidate for the diploma shall be required to undertake such formal courses and pass such assessment as prescribed.

(3) The progress of a candidate shall be reviewed at least once annually by the Committee and as a result of its review the Committee may cancel enrolment or take such other action as it considers appropriate.

(4) No candidate shall be awarded the diploma until the lapse of two academic sessions from the date of enrolment in the case of a full-time candidate or four sessions in the case of a part-time candidate. The maximum period of candidature shall be four academic sessions from the date of enrolment for a full-time candidate and six sessions for a part-time candidate. In special cases, an extension of these times may be granted by the Committee.

Fees

4. A candidate shall pay such fees as may be determined from time to time by the Council.

Admission Requirements

(1) A candidate for the GradDip shall have been awarded an appropriate degree of Bachelor from the University of New South Wales or a qualification considered equivalent from another university or tertiary institution at a level acceptable to the Management Committee for the Master of Environmental Management (hereinafter referred to as the Committee); or

(2) Candidates not holding an approved Bachelor degree but who are admitted to the Graduate Certificate in Environmental Management and who complete the four courses comprising the Certificate at the first attempt, at a minimum of credit average, may apply to upgrade their enrolment to the Graduate Diploma and to be given advanced standing for 2 of the courses completed for the GradCert.

(3) In exceptional cases an applicant who submits evidence of such other academic or professional qualifications and/or relevant experience, as may be approved by the Committee, may be permitted to enrol for the degree.

(4) If the Committee is not satisfied with an applicant's qualifications and/or relevant experience the Committee may require the applicant to undergo such assessment or carry out such work as the Committee may prescribe, before permitting enrolment.

Articulation rules

Candidates whose entry to the GradDip is approved may carry 24 units of credit from the GradCert to the GradDip, provided the lower award has not been taken out.

Candidates seeking entry to the GradDip via credit-level performance in the GradCert may carry 12 units of credit to the GradDip program provided that the lower award has not been taken out.

Where a GradCert has been awarded and students wish to enrol at the next level (the GradDip), the Committee will determine the courses already completed which may be credited to the new program. Note that these may not be fully credited to the new program.

7339 Graduate Certificate in Environmental Management

GradCert

Typical Duration

0.5 years

Minimum UOC for Award

24 units of credit

Typical UOC per Session

24 units of credit

Program Description

The Graduate Certificate in Environmental Management is a 24 unit of credit program, which may be taken over 1 session (full-time) or over 2 sessions (part-time).

The program aims to introduce students to frameworks, tools and basic knowledge relevant to this discipline. The program particularly emphasises sustainability in environmental management.

The Graduate Certificate program is fully articulated with the Graduate Diploma and Master of Environmental Management (see Articulation Rules below).

Program Structure

This process will be influenced by the timetabling and availability of courses, as well as the enrolling student's needs, experience and previous qualifications.

Core Course

IEST5001 Frameworks for Environmental Management (6 UOC)

Fundamental Knowledge Courses

Students must take two Fundamental Knowledge courses. Their selection will be from those in the following list for which they cannot demonstrate sufficient background:

BIOS9001	Fundamental Knowledge in Environmental Management: Ecology	(6 UOC)
CHEM7300	Fundamental Knowledge in Environmental Management: Physical Science	(6 UOC)
CVEN9895	Fundamental Knowledge in Environmental Management: Engineering	(6 UOC)
ECON5125	Fundamental Knowledge in Environmental Management: Economics	(6 UOC)
HPSC5520	Fundamental Knowledge in Environmental Management: Social Science	(6 UOC)
LAWS3439	Fundamental Knowledge in Environmental Management: Law	(6 UOC)

Students must complete either

IEST5002 Tools for Environmental Management (6 UOC)

or

1 further Fundamental Knowledge course

or

1 approved specialist elective chosen from a UNSW-wide list

Academic Rules

Conditions for the Award of the Degree Graduate Certificate (GradCert)

1. A Graduate Certificate may be awarded by the Council to a candidate who has satisfactorily completed an approved program of study.

Qualifications

2. (1) A candidate for the Graduate Certificate shall have been awarded an appropriate degree of Bachelor from the University of New South Wales or a qualification considered equivalent from another university or tertiary institution at a level acceptable to the Postgraduate Coursework Education Committee of the Faculty (hereinafter referred to as the Committee).

(2) An applicant who submits evidence of such other academic and professional qualifications as may be approved by the Committee may be permitted to enrol for the Graduate Certificate.

(3) If the Committee is not satisfied with the qualifications submitted by an applicant the Committee may require the applicant to undergo such

assessment or carry out such work as the Committee may prescribe, before permitting enrolment.

Enrolment and Progression

3. (1) An application to enrol as a candidate for the Graduate Certificate shall be made on the prescribed form which shall be lodged with the Registrar by the advertised closing date, which shall be set at least two calendar months before the commencement of the session in which enrolment is to begin.

(2) A candidate for the certificate shall be required to undertake courses and pass any assessment prescribed.

(3) The progress of a candidate shall be reviewed by the end of two sessions by the Committee and as a result of its review the Committee may cancel enrolment or take such other action as it considers appropriate.

(4) The normal duration of the course is one academic session from the date of enrolment in the case of a full-time student or two sessions in the case of a part-time. For an open learning or external candidate the normal duration is two sessions from the date of enrolment. In special cases, a variation of these times may be approved by the head of school.

Fees

4. Candidates shall pay such fees as may be determined from time to time by Council.

Admission Requirements

(1)(a) a candidate for the Graduate Certificate shall have been awarded an appropriate degree of Bachelor from the University of New South Wales or a qualification considered equivalent from another university or tertiary institution at a level acceptable to the Management Committee for the Master of Environmental Management (hereinafter referred to as the Committee); or

(b) an applicant who submits evidence of such other academic or professional attainments, including relevant experience, as may be approved by the Committee, may be permitted to enrol for the Certificate.

(2) If the Committee is not satisfied with an applicant's qualifications and/or relevant experience the Committee may require the applicant to undergo such assessment or carry out such work as the Committee may prescribe, before permitting enrolment.

Articulation Rules

A candidate enrolled in the Graduate Certificate who has not taken out their award and whose entry to the Graduate Diploma or Graduate Certificate program has been approved, may carry 24 units of credit from the GradCert program into the Graduate Diploma or Masters Program.

Candidates seeking entry to the GradDip or Masters via credit-level performance in the Graduate Certificate program may carry 12 units of credit to the GradDip or Masters program provided that the lower award has not been taken out.

Where a Graduate Certificate has been awarded and students wish to enrol at the next level (the GradDip or the Masters), the Committee will determine the courses already completed which may be credited to the new program. Note that these may not be fully credited to the new program.