

Bachelor of Environmental Engineering (Honours)/Bachelor of Science

ENVIRONMENTAL REMEDIATION MAJOR



Commencing in Semester 2, 2019



Studying at Callaghan

See the next page for some helpful hints & tips!



This Program Plan is an enrolment guide to ensure you are on track to graduate. If at any time you wish to vary from this program plan seek prior advice from your [Program Advisor](#) to ensure you remain on track.

Semester 1

Year 1				
Year 2	CHEM1010 Introductory Chemistry I	ENGG1500 Introduction to Professional Engineering	GEOS1040 Earth Dynamic Systems	MATH1120 Mathematics for Engineering, Science and Technology 2
Year 3	CIVL2040 Engineering Probabilities	CIVL2060 Numerical Methods	SCIE1002 Multidisciplinary Laboratories	SURV1200 Introduction to Surveying
Year 4	CHEM2610 Environmental Chemistry 1	CIVL4330 Hydrology	ENVS2002 Environmental Legislation & Planning	SCIE1001 Professional Scientific Thinking
Year 5	CHEE3690 Environmental Process Technology	ENGG2500 Sustainable Engineering Practice	ENVS3004 Ecotoxicology	ENVS3007 Environmental Remediation
Year 6	CHEM3110 Instrumental Chemical Analysis	CIVL4591 Environmental Engineering Project 1	CIVL4640 Project S1	ENGG3500 Managing Engineering Projects

Semester 2

BIOL1002 Organisms to Ecosystems	CIVL1200 Earth Systems	ENGG1002 Introduction to Engineering Computations	MATH1110* Mathematics for Engineering, Science and Technology 1
CHEM1020 Introductory Chemistry II	CIVL2310 Fluid Mechanics	GEOS1050 Earth Processes and Products	STAT2110 Engineering Statistics
CHEM2110 Analytical Chemistry	CIVL3470 Contaminant Hydrogeology	SCIE2002 Interdisciplinary Challenges	SURV3650 Spatial Data Systems and Remote Sensing
CIVL3410 Hydrobiological Modelling	CIVL4450 Water Engineering	GEOS2050 River Basin Processes	DIRECTED Environmental Remediation 3000 level
CIVL3431 Land Surface Process and Management	CIVL4601 Environmental Engineering Project 2	ELECTIVE	ENGG4500 Engineering Complexity

Program Plan Key: = Core = Major = Directed = Electives = Compulsory Program Requirement

Professional Practice: Industrial Experience 12 weeks

To be eligible to graduate make sure you have completed **400 units** (10 units = 1 course unless otherwise specified) which meet the following criteria:

✓ Core courses – 310 units.

* Enrolment in MATH courses is based on your assumed knowledge. To find out which MATH courses you should enrol in please see the [Enrolling in Maths information](#). More information in your [Program Handbook](#).

✓ Compulsory Courses – 70 units.

✓ Directed Courses –10 units of 3000 level Environmental Remediation courses.

✓ Elective courses– 10 units, visit the [Program Handbook](#) for more information

✓ Students must not exceed 120 units at 1000 level in this program.

✓ It is also a requirement that students complete a total of 12 weeks of [industrial experience](#).

✓ The duration of this program is 5 years full time (40 units per semester) or part time equivalent.

✓ The maximum time to complete this program is 12 years.



Some courses have assumed knowledge and/or requisites, please refer to the individual [Course Handbook](#).

The [Program Handbook](#) has valuable information on program structure and requirements, if you are intending on studying part time or varying from this program plan please seek prior advice from your [Program Advisor](#).

See the
next page
for a list of
Directed
courses

Bachelor of Engineering (Honours) (Environmental)/Bachelor of Science – Environmental Remediation Major

Directed Courses

Subject to change - Please refer to the program handbook for up to date information.

Choose **10 units** from the following
3000 level Environmental
Remediation Major Directed courses.

[GEOS3250](#) Advanced Spatial Science

[GEOS3340](#) Climate Change and Resource Management

Helpful Hints & Tips

ENROLMENT HELP



Need help? >>
Ask UON >>



How do I use the Web Timetable? >>

RULES

It is important to follow this Program Plan.

You cannot repeat a course you've passed to try and get a better grade.

You cannot enrol in any extra courses not required by your program >>

INFO FOR NEW STUDENTS



First year undergraduate students usually only enrol in 1000 level courses >>

New Postgraduate students should only enrol in 6000 level courses >>



Find out all you need to know about getting started at uni >>

UNDERSTANDING COURSES & PROGRAMS



Not sure what courses to study? >>



Understanding program and course jargon >>



Understanding UON Jargon >>

PRIOR STUDY



Check you have met the assumed knowledge and requisites for courses before enrolling >>



Have you studied elsewhere or transferred programs? Don't forget to apply for credit >>

CONSIDERING A BREAK?



Need to take a break? This is called a 'leave of absence'. Check if you are eligible >>



Planning on going overseas? Keep electives free, so it's easier for you to receive credit for your overseas studies >>



UON offers a range of support services to assist with your health and wellbeing >>

MORE QUESTIONS?

We are here to answer questions about your program. Talk to us your way!

- Ask UON
- 1300 ASK UON
- Visit Student Central
- Message us on Facebook
- or Twitter
- UONline via myUON