



# Diploma of Environmental Monitoring and Technology

State ID: BEA8

## About this course

### Assist in the management of environmental issues with this diploma

With a growing importance on conservation and environmental impact of business, this is a good time to join this industry. It is a slow but **growing area** that is linked to our resource industry and increasing issues with the degradation of ecosystems.

This course covers the skills and knowledge you need to apply a range of methods and technologies to conduct **environmental sampling, testing and monitoring**. The skills are used in most industry sectors and to assist environmental scientists, engineers and planners with site assessment, minimising environmental impacts of processes and remediation/rehabilitation of sites.

This course is multi-faceted, using **field trip activities** including a **regional trip each semester, lab work**, team work and online learning to assess your progress.

### Gain these skills

- Collect and evaluate data taken from the environment, such as groundwater and spatial information
- Sample and test air quality and soils
- Plan and conduct environmental project work
- Recognise common geological landforms and samples

### Is this course right for me?

I have the following attributes:

- An interest in conservation and the environment
- Analytical thinking and problem solving skills
- Written and oral communication skills

- Attention to detail and accuracy

## Details

### Semester 2, 2019

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#### East Perth - On Campus



Duration: **0 Semester/s**



When: **Semester 2, 2019**



How: **On campus**

## Units

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### Core

| National ID | Unit Title  |
|-------------|---|
| MSL943004   | Participate in laboratory or field workplace safety                       |
| MSL952001   | Collect routine site samples  |
| MSL974022   | Undertake environmental field-based monitoring                            |
| MSMENV472   | Implement and monitor environmentally sustainable work practices          |
| MSS024014   | Implement environmental management plans and procedures                   |
| MSS024015   | Apply an understanding of environmental principles to a site              |
| MSS024016   | Process and present environmental data                                    |
| MSS025017   | Assist with assessing site environmental indicators                       |
| MSS025018   | Assess the environmental risk and impact of a project activity or process |
| MSS025019   | Report environmental data   |
| MSS025020   | Provide environmental information to customers                            |

### Elective

| National ID | Unit Title   |
|-------------|--|
| MSL973013   | Perform basic tests                                |
| MSS024017   | Collect spatial and discrete environmental data    |
| MSS024020   | Recognise common geological landforms and samples  |
| MSS025005   | Produce site maps                                  |
| MSS025009   | Perform sampling and testing of air                |
| MSS025014   | Perform sampling and testing of contaminated sites |
| MSS025021   | Collect and evaluate groundwater data              |
| MSS025022   | Perform sampling and testing of soils              |
| MSS025023   | Plan and conduct environmental project work        |

## Entrance requirements

| School Leaver   | Non-School Leaver   | AQF             |
|---|---|-----------------|
| Completion of WACE General or ATAR (Minimum C Grades) or equivalent | Completion of WACE General or ATAR or equivalent (minimum C Grades) | Certificate III |

## Further study

This course may provide university entry.

## Job opportunities



[Environmental Officer](#) | [Environmental Compliance Officer \(Local Government\)](#)

Other job titles may include:

- Life Science Technician
- Environmental Technician
- Natural Resource Management Officer

*Please note this list should be used as a guide only as job titles and qualification requirements may vary between organisations.*

## Important information

We work very hard to help you succeed in our courses, but advise you to consider the following:

- If your English skills are not strong you are encouraged to complete an English course first.
- The best chance for success is if you have completed year 12, a Certificate III or higher, a degree in this or a related course or equivalent training
- If you have not studied for some time you could consider enrolling in a Certificate III in Laboratory Operations to see how your circumstances support your study first before committing to this course. This certificate also gives you some underpinning skills and knowledge that will be valuable for your Diploma studies.

Other costs for consideration:

- Personal Protective Equipment (PPE)
- Stationery
- Three regional field trips (approx. \$100 each)

Typical timetable:

- 2.5 days per week
- Full day field trips
- 3 days/2 nights regional field trip each semester

## Fees and charges

View our [Indicative Fees list](#)

### Local full time students

Course fees are made up of two components, tuition fees and resource fees.

**Tuition fees** are determined by multiplying the course fee rate by the nominal hours, which is the number of hours in which an average student could be expected to complete each unit. They are not the hours of training or instruction.

**Resource fees** are charges for material that are essential to a course or unit, and are purchased by NMT to be used by students during the course.

Fees may vary depending on the units you are enrolled in so an approximate amount has been shown. You will be given the exact amount of your fees at enrolment. Part time student fees will vary depending on the number of units you are enrolled in.

Please note, you may also need to buy textbooks or equipment for your course.

### International Students

Check [TAFE International WA](#) to confirm this course is available to international students. You will pay your tuition fees to TIWA.