



QLD SCHOOLS SNAPSHOT

SCIENCE IN THE REAL WORLD

CERTIFICATE II IN SAMPLING & MEASUREMENT

HOW DOES IT WORK?

- ✓ Offered as a senior subject at your school.
- ✓ Online, practical and virtual.
- ✓ This course will teach you the skills and knowledge required to perform a range of sampling and measurement activities as part of laboratory, production or field operations in the construction, manufacturing, food processing, resources and environmental industry sectors.

WHAT DO STUDENTS ACHIEVE?

- ✓ **MSL20118** – Certificate II in Sampling & Measurement (4 QCE points).
- ✓ **MSL30118** – Certificate III in Laboratory Skills (2 QCE points).
- ✓ Students eligible for an Australian Tertiary Admission Rank (ATAR) may be able to use their completed Certificates to contribute towards their ATAR.

SKILLS ACQUIRED

- ✓ Manipulation of common laboratory equipment.
- ✓ Understanding how to use and calibrate common measurement instruments.
- ✓ Opportunities to present and interpret data.
- ✓ Critical thinking scenarios for better knowledge recall.
- ✓ Scientific interpretation and industry relevant discussion.

CAREER PATHWAYS

**DIRECT ENTRY
INTO 72 UNIVERSITY
PATHWAYS***

**DIRECT ENTRY
INTO
WORKFORCE**



MEDICAL



PATHOLOGY



DENTISTRY



VETERINARY



SPORTS SCIENCE



ENVIRONMENTAL



CONSTRUCTION



SCIENCE TECHNICIAN



BIO TECHNOLOGY



COURSE UNITS

UNITS OF COMPETENCY - MSL20118*

- ✓ **MSLg12001** – Work within a laboratory or field workplace (induction)
- ✓ **MSLg43004** – Participate in laboratory or field workplace safety
- ✓ **MSLg52001** – Collect routine site samples
- ✓ **MSLg72001** – Conduct routine site measurements
- ✓ **MSLg22001** – Record and present data
- ✓ **MSLg73013** – Perform basic tests
- ✓ **MSLg33008** – Perform calibrations checks on equipment and assist with its maintenance
- ✓ **MSMENV272** – Participate in environmentally sustainable work practices

UNITS OF COMPETENCY - MSL30118*

- ✓ **MSLg13003** – Communicate with other people
- ✓ **MSLg13004** – Plan and conduct laboratory/field work
- ✓ **MSLg33006** – Contribute to the achievement of quality objectives
- ✓ **MSLg73014** – Prepare working solutions
- ✓ **MSLg33005** – Maintain the laboratory/field workplace fit for purpose



DELIVERY
Face to face
and online



DURATION
Flexible up
to 1 Year



FEES

CERTIFICATE 2

This program is fully funded* by the Qld VET Investment Budget for eligible students.
*Pending eligibility check

If a student is not eligible for VETiS funding a Fee for Service charge of \$1900 is available which includes the enrolment fee.

CERTIFICATE 3

This program under a fee for service agreement and charged at a minimum of \$100 per unit which includes the enrolment fee.



ELIGIBILITY

- ✓ Qld secondary school student in Years 10, 11 and 12.
- ✓ Australian Citizen or permanent resident or New Zealand Citizen.
- ✓ Have a sound achievement result in Year 10 Maths and English.



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WITH SEA WORLD.**



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