

## Sampling and Measurement

BOS course name	Pattern of study	BOS course number	Schools Online (Administration) entry advice
Sampling and Measurement (240 hours)	2 units x 2 years	59700	Enter this course number for both Preliminary (Year 11) and HSC (Year 12)

TAFE course name	TAFE course number
Sampling and Measurement	19410

AQF VET qualification
Certificate II in Sampling and Measurement (MSL20109)

Minimum work placement
Nil

Exclusions
Laboratory Skills – locally designed TAFE NSW delivered VET course

### HSC unit credit and course requirements

HSC unit credit for VET courses can be accredited to the Preliminary and/or HSC pattern of study.

#### Sampling and Measurement (240 indicative hours)

- accredited for a total of 4 units at the Preliminary and/or HSC level
- attempt all mandatory units of competency and elective units of competency to a minimum of 145 HSC indicative hours.

For a course to count towards the HSC program of study students must satisfy the course completion criteria as required by the Board of Studies. Refer to Section 8.4 of the *Assessment, Certification and Examination (ACE) Manual*.

The pattern of study entered (for example, 2 units x 2 years) should reflect the delivery of the course over successive years. Students will be credentialled for the HSC unit credit entered each calendar year, provided they have satisfactorily completed the course requirements for that calendar year as determined by the school/RTO.

### Access by students in Years 9 and 10 (Stage 5)

In certain circumstances students in Years 9 and 10 (Stage 5) may access this Stage 6 VET course. Further information is available on the Board of Studies website at [www.boardofstudies.nsw.edu.au/voc\\_ed/stage-5.html](http://www.boardofstudies.nsw.edu.au/voc_ed/stage-5.html)

## Course content

Unit code	Unit title	Unit-specific prerequisite	Status for AQF VET qualification	HSC indicative hours of credit
<b>MANDATORY Attempt the following units of competency</b>				
MSAENV272B	Participate in environmentally sustainable work practices	nil	core	15
MSL912001A	Work within a laboratory/field workplace (induction)	nil	core	30
MSL922001A	Record and present data	nil	core	20
MSL943002A	Participate in laboratory/field workplace safety	nil	core	30
<b>Total HSC indicative hours for mandatory units of competency</b>				<b>95</b>

<b>ELECTIVE Attempt units of competency to a minimum of <u>145</u> HSC indicative hours</b>				
MSL933004A	Perform calibration checks on equipment and assist with its maintenance	nil	elective Group B	25
MSL952001A	Collect routine site samples	nil	elective Group A	30
MSL972001A	Conduct routine site measurements	nil	elective Group A	30
MSL973001A	Perform basic tests	nil	elective Group B	50
MSL973002A	Prepare working solutions	nil	elective Group B	30
MSL973004A	Perform aseptic techniques	nil	elective Group B	20
<b>Total HSC indicative hours</b>				<b>240</b>

## AQF VET qualification

To attain Certificate II in Sampling and Measurement (MSL20109) students must achieve 8 units of competency including:

- a) 4 core units of competency from core
- b) 4 elective units of competency from Groups A and B
  - minimum of 2 units of competency from Group A
  - maximum of 2 units of competency from Group A and/or Group B and/or other Training Packages (aligned at Certificate II).