University of Southern Queensland

Future careers in Surveying

School of Surveying & Built Environment

Acknowledgement of Country

UniSQ would like to acknowledge the traditional owners on the land on which we gather.
We would also like to pay our respect to Elders – past, present and emerging.

Introduction

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Lecturer
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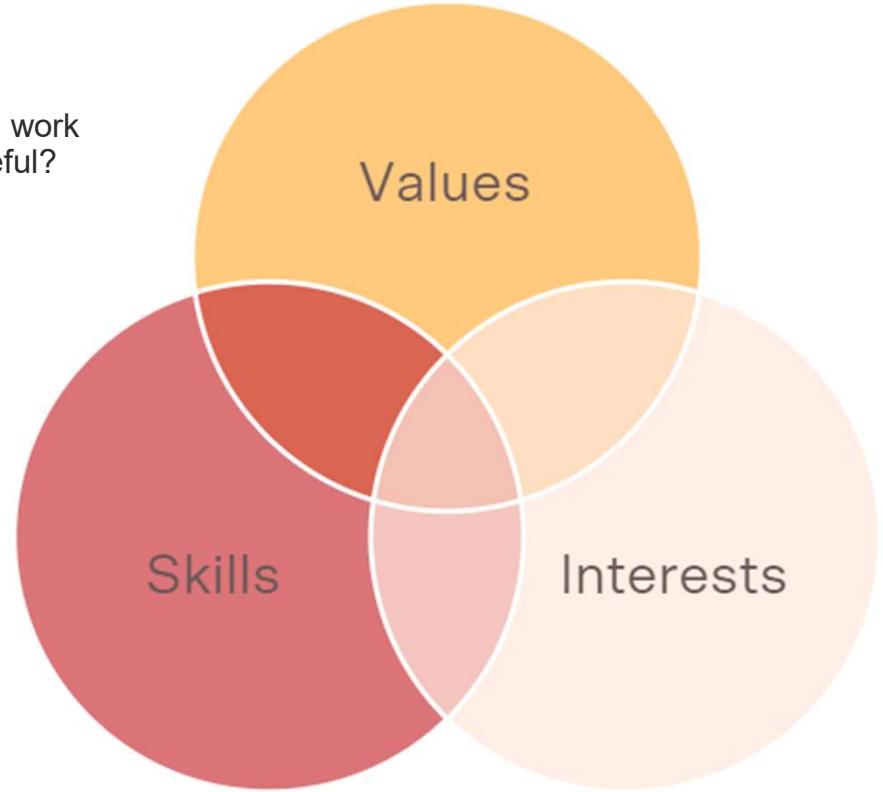
Career decisions

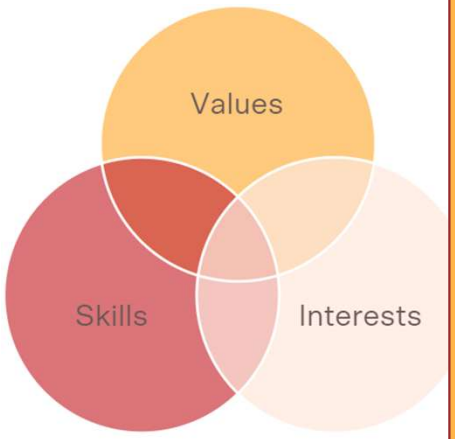
What makes my life and work meaningful and purposeful?



What am I naturally good at?

What classes or activities am I most interested in?

About you



I want to make an impact on the world

I want to be innovative

I want to have variety in my work day

I want to be paid well

I am good at problem solving

I am organised

I am practical and pragmatic

I have good attention to detail

I am computer smart

I enjoy sport

I enjoy health and physical education

I am interested in science

I am interested in technology

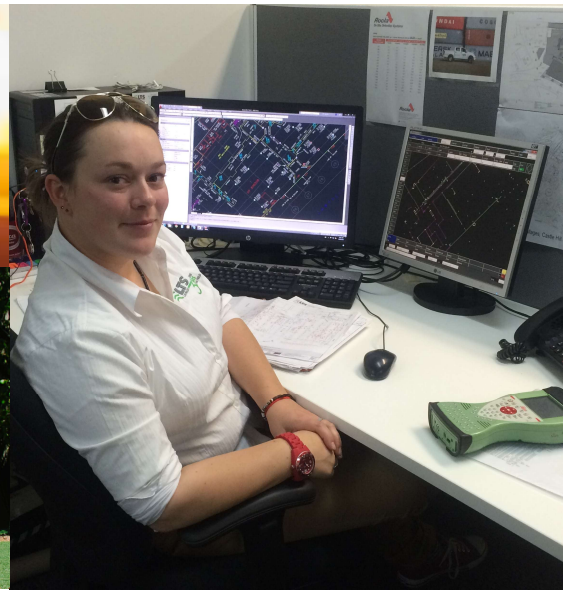
What is Surveying?

What is it?

Measurement, Mapping, Modelling,
Monitoring & Managing data
All things location & position

How does it work?

Lots of cool tech!
Field & Office

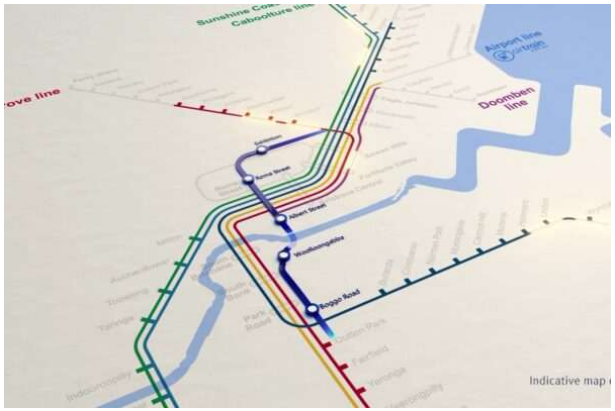


What do Surveyors do?

THE SURVEYORS' TRUST

Why are Surveyors important?

A part of a project from start to finish



What can you specialise in Surveying?

ENGINEERING

You play a critical role in the design and construction of bridges, roads, buildings, towns and cities.

RESOURCES

You make sure underground and open pit mines are accurate and safe.

LAND

You determine the re-establishment, identification or adjustment of land boundaries.

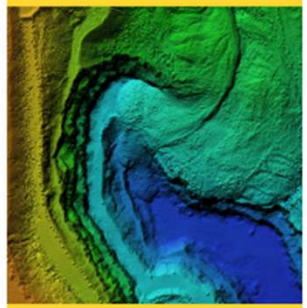
GEODESY

You measure and understand the Earth's geometric shape and size, location in space and gravity.

HYDROGRAPHY

You protect the oceans and contribute to the blue economy, map the sea floor, help mitigate flooding, use sonar tech and even work on shipwrecks.

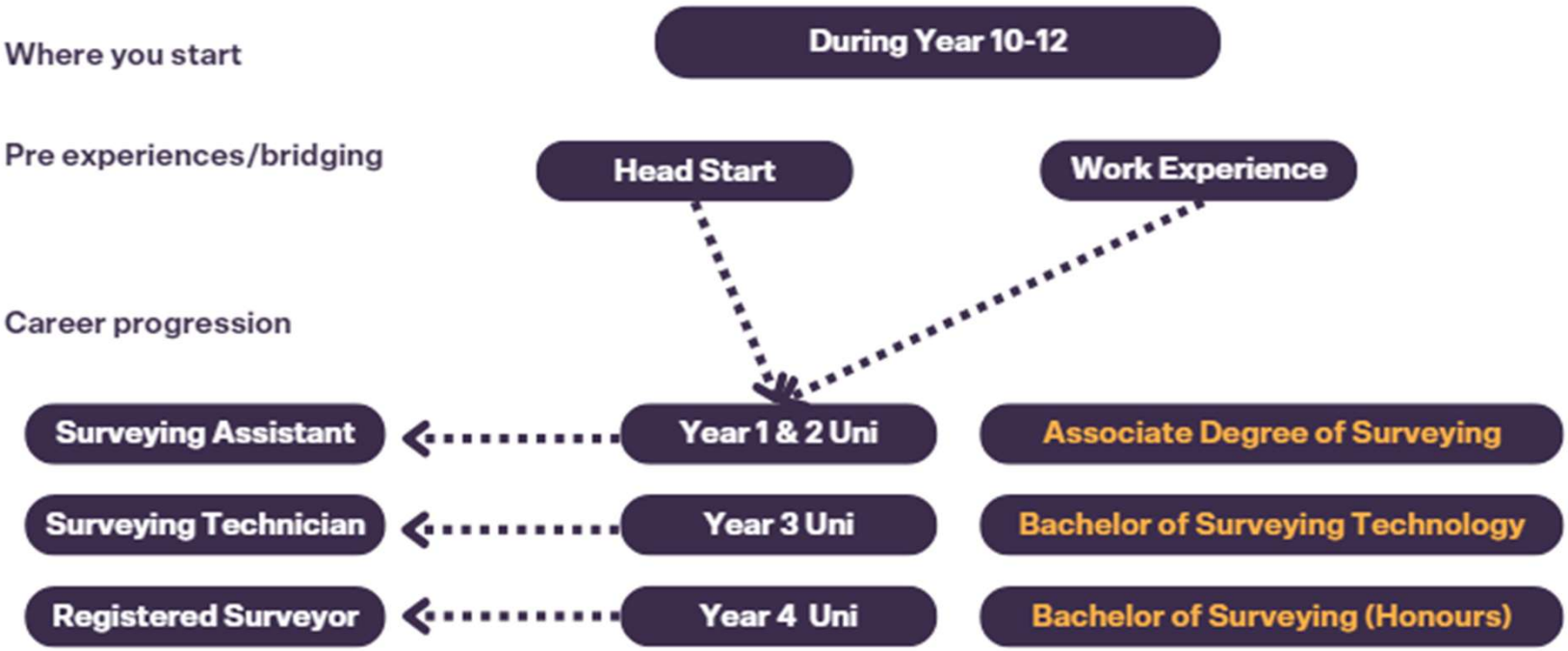
PHOTOGRAMMETRY



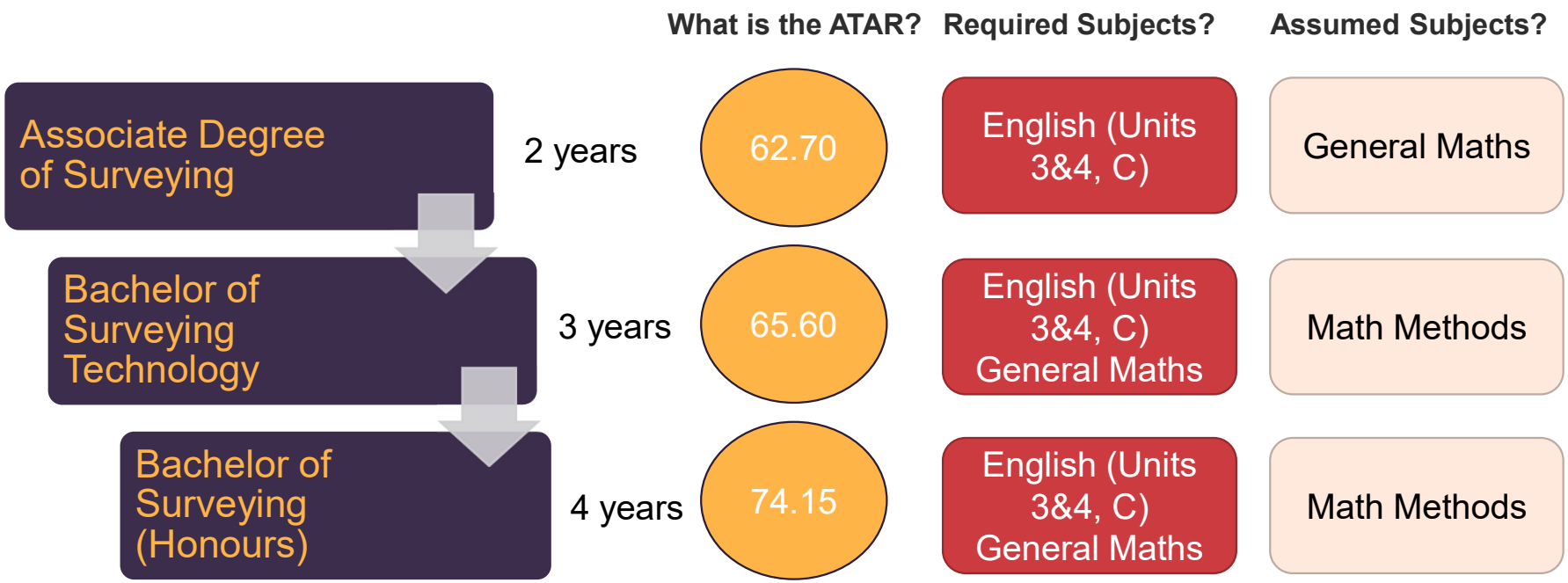
You use aerial photography to create photorealistic 3D images of earths surfaces.

THE SURVEYORS' TRUST

Pathway into Surveying



Pathway into Surveying



What have our students said about surveying?

"It's the best! 50/50 office and outdoor work. No two days are the same, it is stimulating, rewarding and challenging."

"If you love solving problems and being outside, then give it a go."

"It's an opportunity to expand your mind and think spatially. There is so much more than just taking measurements. "

"Surveying evolves with the current rate of technology, requires thinking and problem-solving skills."

"It can take you many amazing locations around Australia."

"Surveying opens your eyes to the landscape and the world we live in."

Why choose a career in Surveying?

Next Steps?

1 Head Start courses in Surveying

Course	Trimester 1	Trimester 2	Trimester 3
GIS1402 Geographic Information Systems	Yes	-	Yes
SVY1010 Fundamental Metrology for Surveyors	-	Yes	-
SVY1110 Introduction to Global Navigation Satellite Systems	-	-	Yes

2 Work experience in Surveying

- Be connected with a local firm to complete work experience
- Please note, there is a requirement of a white card ($89)

3 Contact us for more information

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- Surveying – surveying@unisq.edu.au

Find out more