



MERIDAN
STATE COLLEGE

Senior Sciences

General and Applied *Senior subject overview*
Years 11 - 12

Learning Today, Creating Tomorrow

Senior Science Teachers



*Mr Rory
Magee*



*Ms
Morgane
Compagnon*



*Mrs
Christine
Brown*



*Mr Simon
West*



*Mrs Sarah
Powell*



*HOD Science
Mrs Kylie Dickson
kdick39@eq.edu.au*



*Mr Craig
Reid*



*Ms Caitlin
Gilliman*



*Mr Giles
Wilson*



*Mr Michael
Leask*



*Mr Patrick
Foale*



Senior Secondary Sciences, Year 11-12



General

- *Results contribute to ATAR
- *results contribute to QCE
- *includes external assessment

Applied

- * No more than one applied subject can contribute to ATAR
- *results contribute to QCE

Biology

Marine

Physics

Chemistry

Aquatic Practices

Student are expected to have completed the Year 10 equivalent extension program and have received a C minimum

Students are expected to have completed Year 10 Science



General Sciences, Year 11 and 12

Biology, Chemistry, Physics and Marine

4 QCE Credits

Contributes to ATAR

Internal assessment (50%)

- *10% Data Test – 60mins*
- *20% Student Experiment - 10hrs and 1500 -2000 words*
- *20% Research Investigation - 10hrs and 1500 -2000 words*

External assessment (50%)

- *External Exam covering all of Unit 3 and 4 (Year 12)*



Applied Sciences (Aquatic Practices)



4 QCE Credits

Can contribute to ATAR**

Assessment

- *All internal assessment, 2 items per unit equal weighting.*



	Year 11	Year 12
Unit 1	Sailing	Surfing
Unit 2	Navigation and Kayaking	Boat Licence
Unit 3	Boats and vessels	Fishing
Unit 4	Shipwrecks and snorkelling <i>*Tangalooma CAMP</i>	Seafood



<p style="text-align: center;">Marine Science (ATAR subject)</p> <p>Marine Science provides opportunities for students to study an interdisciplinary science focusing on marine environments and the consequences of human influences on ocean resources.</p>	<p style="text-align: center;">Aquatic Practices (Applied subject)</p> <p>Aquatic Practices provides opportunities for students to explore, experience, and learn practical skills and knowledge valued in the workplace and other marine settings.</p>
Year 11	
<p>Pre-requisite: C or higher in year 10 Science</p> <p>Study:</p> <ul style="list-style-type: none"> • Oceanography • Marine biology <p>Field work experience / camp:</p> <ul style="list-style-type: none"> • 3 <u>day</u>/ 2 night camp to North Stradbroke Island, Moreton Bay. 	<p>Pre-requisite: C in year 10 AQP or Science</p> <p>Study:</p> <ul style="list-style-type: none"> • Coastlines and navigation • Marine vessels <p>Excursions / camp:</p> <ul style="list-style-type: none"> • Kayaking excursion in Pumicestone Passage • 3 <u>day</u>/ 2 night camp to Moreton Island
Year 12	
<p>Study:</p> <ul style="list-style-type: none"> • Marine systems — connections and change • Ocean issues and resource management. <p>Field work experience / camp:</p> <ul style="list-style-type: none"> • 4 <u>day</u>/ 3 night camp to Lady Elliot Island, Southern Great Barrier Reef. 	<p>Study:</p> <ul style="list-style-type: none"> • Using the aquatic environment • Recreational and commercial fishing <p>Excursions / camp:</p> <p>Surfing – learn to surf Get your boat licence (RMDL) Build a fishing rod and go fishing Learn how to cook delicious seafood.</p>



Additional Subject Fees Sciences

(Approx.)



SUBJECT	FEES
Biology – <i>Excursions</i>	\$100 - \$150
Marine Science – <i>Excursion and Camp.</i>	\$600 in Year 11 \$1100 in Year 12
Aquatic Practices – <i>Mandatory Curriculum Activities and Camp</i>	\$650 in Year 11 \$500 in Year 12
Physics – <i>Excursion</i>	\$100
Chemistry	\$50 -\$100

MANDATORY



What should I do if I haven't meet the prerequisites?

Email me to arrange a time to meet and discuss.

Mrs Dickson kdick39@eq.edu.au

RD Staffroom

