

# RECOMMENDED STUDY PLAN

2018

NAME \_\_\_\_\_

DEGREE PROGRAM Bach of Marine Science Mid-Year Entry

Stream Mathematics

**Level 1:**

**SP6/7**

**Note:** MA1020-is required if you are missing Maths B or equivalent from high school. Use this in space of an elective if required.

**SP2**

<p><b>Degree Opt Core</b> SC1102* Modelling Natural Systems <b>OR</b> SC1109- Modelling Natural Systems-Advanced</p> <p><i>*SC1102 requires Maths B from high school or MA1020.</i></p>
<p><b>Degree Core:</b> EA1110 Evolution of the Earth</p>
<p><b>Degree Core:</b> MB1110 Introductory Marine Science</p>
<p><b>Degree Core:</b> MA1000 Mathematical Foundations-Ltd</p> <p><i>*MA1000 requires Maths B or Maths C from high school or MA1020.</i></p>

*Note-SC1109 has more math based tutorials and requires MA1000. It may be taken as an alternative to SC1102 if you would prefer.*

*Note-CH1020-is required if you are missing chemistry or equivalent from high school, then you will need to move one of your degree core subjects (like EA1110, MB1110) to next year and take CH1020 in your first semester.*

**Level 1and 2:**

**SP1**

**SP2**

<p><b>Stream:</b> MA1003 Mathematical Techniques</p>	<p><b>Degree Core:</b> CH1001 Chemistry: A Central Science</p>	<p><b>Degree Core:</b> EV2502 Intro to GIS</p>
	<p><b>Degree Core:</b> BS1007/BZ1007 Introduction to Biodiversity</p>	<p><b>Degree Core:</b> PH2006 Marine Physics</p>
	<p><b>Elective:</b></p>	<p><b>Stream Options-List 1:</b></p>
		<p><b>Elective:</b></p>

**Level 2 and 3:**

SP1	SP2	SP10/11
<b>Degree Opt Core Skill:</b> SC2202 <b><u>OR</u></b> SC2209-ADV BSc (or BZ2001 for SC2202 before 2018)	<b>Degree Core:</b> EA3110 Sedimentology and Stratigraphy New-2019 <i>This subject will be co-taught with EA2110 after 2019. EA2110 is currently available.</i>	<b>Degree Core:</b> EA3640 Advanced Environmental and Marine Geoscience Technologies and Applications
<b>Degree Core:</b> CH2042 Marine Chemistry	<b>Degree Core:</b> MB3270 Coastal Estuarine and Mangrove Ecosystems	
<b>Degree Core:</b> MB2050 Functional Biology of Marine Organisms	<b>Degree Core:</b> SC3232 Marine Sensor Technologies and Applications New-2019 <sup>^</sup>	
<b>Stream Options-List 1:</b>		

<sup>^</sup>Note-SC3232 will not be available until 2019, you may replace this subject with any level 3 Marine Biology subject until 2019.

**Level 3:**

**SP1**

<b>Degree Core:</b> MB3050 Biological Oceanography
<b>Degree Core:</b> EV3406 Coral Reef Geomorphology
<b>Degree Core:</b> SC3010-Sensors and Sensing for Scientists-SP TBA**
<b>Stream Options-List 1:</b>

\*\*SC3010 is not available until 2019, you may replace this subject with any level 3 Science subject until 2019.

<b>List of Subjects Available to this Stream: <u>List 1</u></b>	
SP1	SP2
MA2000- Mathematics for Scientists and Engineers	MA2201- Numerical Mathematics
MA2405- Advanced Statistical Modelling	MA3405- Statistical Data Mining for Big Data
CP2402- Database Modelling	

