

RECOMMENDED STUDY PLAN

2019

NAME _____ STUDENT NUMBER _____

DEGREE PROGRAM Graduate Certificate of Science
Technology

STREAM 1 Aquaculture Science and

Level 5: Year 1

SP3	SP1	SP6/7	SP2	SP10/SP11
	Stream Core:		Stream Core:	
	Stream Skill Core: AQ5012 Aquaculture: Hatchery Techniques		Stream Opt Skill List 1	
	Elective:		Elective:	
			Elective:	

Note-Boxes without specific subjects listed in them may be rearranged to meet your course needs as long as the total number of subjects and degree structure is met. For example, you may choose to move an elective in Year 2 into Year 1. You may also choose to delay a skill subject or BZ5745 until Year 2.

Additional Notes:

The Graduate Diploma of Science has the following structure:

1. 2 subjects/6cp of theory for your STREAM CORE
 2. 1 subjects/6cp of SKILL subjects for your stream
- OR**
3. 1 subjects/3cp of ELECTIVES (see recommended list below) **PLUS** 1 subjects/ 3cp of any level 5 AQ, BS, BZ, CH, EA, EV, MA, MB, MI, SC or TV subject

It is generally recommended to take 8 subjects per year, with 3 — 4 in SP1 and SP2 and additional subjects in block mode periods (SP3, SP7, SP10 /11) as necessary.

You need to have fulfilled the 'Assumed Knowledge' or Prerequisites for any subject, before you take them. These are listed in the subject's description online which can be found by searching for a subject within **Subject Search** (<https://secure.jcu.edu.au/app/studyfinder/>). For example, EV5502- Advanced GIS assumes you have already taken EV5505—Introduction to GIS or an equivalent at JCU or at your previous university.

Full subject descriptions and timings of all subjects can be found online using the Subject Search tool.

Stream Core Subjects: Please select 1 subjects /6cp from the list of **Optional Stream Core Subjects** **OR** 1 subject 3cp from List 1 **PLUS** 3 credit points of any level 5 AQ, BS, BZ, CH, EA, EV, MA, MB, MI, SC or TV subject .

Optional Stream Core Subjects (Select 2 subjects)				
SP3	SP1	SP6/7	SP2	SP10
AQ5015 Sustainable Aquaculture	AQ5002 Aquaculture: Feeds & Nutrition	AQ5003 Aquaculture: Propagation		
	AQ5006 Aquaculture: Principles & Practices			

Elective subjects:

Your degree structure allows you to take 2 subjects/6 cp from any Level 5 subject with a prefix subject code of: AQ, BS, BZ, CH, EA, EV, MA, MB, MI, SC or TV.

Recommended elective subjects for this Major: The recommended elective subject sets for specific career pathways and/or or study areas:

TOPIC	STUDY PERIOD
AQ5004:03 Aquaculture: Stock Improvement	10
BC5203:03 Advanced Bioinformatics	2
BS5260:03 Modelling Ecological Dynamics	1
BZ5450:03 Ecological and Conservation Genetics	2
BZ5990:03 Toolkit for the Field Biologist	7
CH5203:03 Analytical Chemistry (Advanced)	2
EA5018:03 Field Studies in Tropical Land and Water Science CNS LTD	6
EA5044:03 Geological Mapping	6
EA5330:03 Field Techniques	7
EA5640:03 Advanced Marine Geoscience Technologies and Applications	11
EV5110:03 Environmental and Social Impact Assessment	2
EV5502:03 Advanced Geographic Information Systems	11

EV5505:03 Introduction to Geographic Information Systems	2
EV5506:03 Remote Sensing	9
MA5405:03 Data Mining	2
MB5300:03 Sampling and Experimental Design <i>Note- Not offered in 2019</i>	
SC5202:03 Quantitative Methods in Science	1
SC5232:03 Marine Sensor Technologies and Applications <i>Note- Not offered in 2019</i>	
SC5502:03 Design and Analyses in Ecological Studies	7