



## Master of Science (Professional) MAJOR (Environmental Management)

This study plan should be used as a general guide for your course. We recommend you consult with your [CSE Course/Major Advisor](#) and particularly if your intended enrolment varies from this plan.

The information in the study plan is current at the time of creation and may be subject to future change. If you would prefer a part-time study plan, please adjust the below study planner; reviewing subject prerequisites to ensure you are on track for course completion.

Useful study planning/enrolment resources:

To search for information on subjects: [Subject Search](#)

To register for your classes: [Class Registration](#)

For important dates check:

	<b>Major</b> Select 3 credit points of subjects from <b>List 1</b>	<b>Major</b> EV5200:03 Natural Resource Management
	<b>Elective</b> Select 3 credit points of any level 5 AQ, BS, BZ, CH, CP, EA, EV, MA, MB, MI, SC or TV subjects	



	STUDY PERIOD 1	STUDY PERIOD 2
<b>Year 2</b>	<b>Major</b> <b>SC5200:03</b> Career Planning (SP1 or SP2)	<b>Course</b> <i>See Course Notes below regarding eligibility criteria for both options.</i>  Select: <b>Option 1 – Research Stream* (12cp)</b> <b>SC5912:06</b> Research Project (Part 1 of 2) <b>SC5913:06</b> Research Project (Part 2 of 2)  <u>OR</u>  <b>Option 2 – Professional Employability Stream** (12cp)</b> <b>SC5009:12</b> Postgraduate Internship
	<b>Major</b> <b>EV5701:03</b>	



<p>EA5130 - Advanced Petrology <i>Prerequisites: EA2220 OR EA5048</i></p>	<p>CH5203:03 Analytical Chemistry <i>ASSUMED KNOWLEDGE:</i> Students must have a good understanding of CHEMISTRY which includes knowledge of atomic structure, bonding, periodicity, acids and bases. It would be advantageous for students to have a basic understanding of MATH. CH1001 and any university math or will have acquired equivalent knowledge through industry experience.</p>
	<p>EV5110:03 Environmental and Social Impact Assessment</p>
	<p>EV5505:03 Introduction Geographic Information Systems</p>

MA5405:03 Data Mining

*ASSUMED KNOWLEDGE:* Students must have a good understanding of STATISTICS which includes knowledge of basic probability, hypothesis testing, law of large numbers, central limit theorem and ability to use R for data analysis (or have done the JCU R Bootcamp). SC5202 or SC2202



### EA5044:03 Geological Mapping-SP6

*COREQ: Must enrol together with EA5045*

*ASSUMED KNOWLEDGE: Students must have a good understanding of EARTH SCIENCE which includes knowledge of structural geology, metamorphic, igneous and sedimentary geology. EA5330 or EA5048 or EA3210 or EA2220 or will have acquired equivalent knowledge through industry experience.*

*MUST BE TAKEN WITH:*

*EA5045:03 Field Techniques in Geology*

*COREQ: Must enrol together with EA5044*

*ASSUMED KNOWLEDGE: Same as the 1044*