

Bachelor of Environmental Science and Management

MAJOR **Biodiversity Assessment and Management**

MAJOR **Land and Water Management**

This study plan should be used as a general guide for your course. We recommend you consult with your [CSE Course/Major Advisor](#) 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: [Academic Calendars](#)

Further enrolment resources: [Enrolment Resources](#)

	STUDY PERIOD 1	STUDY PERIOD 2
Year 1	Course SC1101:03 Science, Technology and Truth	Course SC1102:03 Modelling Natural Systems [^] <i>PREREQ: MA1020 or MA0020 or Senior Mathematics or equivalent</i>
	Major BS1007:03 Introduction to Biodiversity	Course EV2502:03 Introduction to Geographic Information Systems <i>PREREQ: At least 12 credit points of Level 1 subjects</i> <i>Note: You will need a req waiver for to take this subject with 9cp instead of 12cp.</i>
	Second Major EV1005:03 Environmental Processes and Global Change	Major BS1001:03 Introduction to Biological Processes
		Second Major EA1110:03 Evolution of the Earth

[^]Note: SC1102: Modelling Natural Systems is a core part of this degree. Students who do not have Mathematical Methods (Units 3/4, C) from high school or equivalent must select MA1020 Preparatory Mathematics as part of their study plan. These students will be unable to select a double major

Year 2	STUDY PERIOD 1		STUDY PERIOD 2		
	Course LA2902:03 Environmental Law and Policy		Course IA3030:03 Navigating the Cultural Interface		
	Course SC2202:03 Quantitative Methods in Science <i>PREREQ: SC1102 or SC1109 (mandatory for students undertaking the Biodiversity Assessment and Management major)</i>		Major BS2460:03 Fundamentals of Ecology <i>PREREQ: 6 credit point of Level 1 or 2 BZ/BS or EV subjects</i> OR BZ2480:03 Restoration Ecology (SP1) <i>PREREQ: 3 credit points of BZ or EV Level 1 subjects</i>		
	Major BZ2725:03 Australian Terrestrial Diversity <i>PREREQ: BS1007 or BZ1007 or BZ1006 or BZ1004 or AG1004 or ZL1001</i>		Second Major EA2007:03 Soil Properties and Processes for Management <i>PREREQ: 12 credit points of Level 1 subjects</i>		
	Second Major EV2401:03 Australian Landscape Processes and Evolution <i>PREREQ: 12 credit points of Level 1 subjects</i>				
	STUDY PERIOD 3 (Jan-Feb)		STUDY PERIOD 7 (Jun-Jul)		STUDY PERIOD 10 (Nov-Jan)
			Major BZ2490:03 Toolkit for the Field Biologist <i>PREREQ: SC2202 or SC2209 or BZ2725</i>		

Year 3	STUDY PERIOD 1		STUDY PERIOD 2			
	Major BZ3215:03 Conservation Biology <i>PREREQ: (BS1001 or BZ1001 or BZ1005) and (BS2460 or BZ2440 or BZ2880 or MB2060) and (BS1007 or BZ1007 or BZ1006 or ZI1001 or BZ1004 or AG1004 or BT1001 or BZ1003 or AG1003)</i>		Course EV3110:03 Environmental and Social Impact Assessment <i>PREREQ: 12 credit points of Level 2 subjects</i>			
	Major BZ3740:03 Wildlife Ecology and Management <i>PREREQ: BS2460 or MB2060 or 3 credit points of Level 2 BZ</i> OR BZ3235:03 Biological Invasions <i>PREREQ: BZ1006 or BS1007 or BZ1007 or BZ1004 or BZ1003 or AG1007</i>		Second Major EV3401:03 Coastal and Catchment Geomorphology <i>PREREQ: 12 credit points at Level 2 including 6 credit points of Level 2 EV or EA subjects</i>			
	Second Major EA2006:03 Hydrology <i>PREREQ: 12 credit points of Level 1 subjects</i>		Second Major EV3454:03 Natural Hazards <i>PREREQ: 12 credit points at Level 2</i>			
	STUDY PERIOD 3 (Jan-Feb)		STUDY PERIOD 7 (Jun-Jul)		STUDY PERIOD 10 (Nov-Jan)	
	Course EV3020:03 Human Dimensions of Nature, Environment and Conservation <i>PREREQ: 12 credit points of Level 2 subjects</i>		Major BZ3620:03 Tropical Flora of Australia* <i>PREREQ: BZ1003 or AG1003 or BT1001 or BZ1007 or BS1007 or BZ1006</i>			
		Second Major EA3007:03 Field Studies in Tropical Land and Water Science <i>PREREQ: 12 credit points at Level 2 EV or Level 2, 3 or 5 EA subjects including (EA2006 or EA5016) and (EA3207 or EA5017)</i>				

*Note-This subject is a two-week intensive mode subject that offered in Cairns. Townsville-based students are required to make their own travel and accommodation arrangements in order to attend this subject. Please contact the College if you are unable to attend and an alternative subject, like BZ5650 may be available.

COURSE NOTES

Study plan may only include a maximum of 30 credit points of Level 1 subjects and a minimum of 18 credit points must be taken at Level 3.

SC1102: Modelling Natural Systems is a core part of this degree. Students who do not have Mathematical Methods (Units 3/4, C) or equivalent, must also select MA1020: Preparatory Mathematics as part of their study plan. These students will be unable to select a double major.

MA1020 is available on both campuses in full-semester and intensive mode. The intensive mode option typically starts earlier than the standard course commencement date. Contact JCU on 1800 246 446 for more information.

ADDITIONAL INFORMATION

[2023 Bachelor of Environmental Science and Management Handbook](#)
[Biodiversity Assessment and Management Major](#)
[Land and Water Management Major](#)