

Bachelor of Environmental Management (Natural Systems and Wildlife) – Gatton Campus

Honours – Students wishing to undertake Honours in Semester 7 and 8 will need to contact their academic adviser at the commencement of third year.

QTAC Code: 767209 Program Code: 2010

Academic Advisor: Assoc Professor Marc Hockings, Email: m.hockings@uq.edu.au

Part A Compulsory Courses

FIRST SEMESTER			SECOND SEMESTER		
Code	#	Title	Code	#	Title
AGRC1015	2	Knowledge Management in Natural and Agrifood Systems	AGRC1019	2	Plant & Animal Biology
AGRC1018	2	Introductory Biology	ENVM1512	2	Ecological Economics
ENVM1501	2	Introduction to Environmental Management	GEOM1960	2	Introduction to Remote Sensing and GIS
GEOS1100	2	Environment & Society	LAND2001 OR AGRC1017	2 2	Land Resources and Landscape Processes OR Agricultural Mathematics (for students who have not completed Year 12 Maths B or equivalent)
THIRD SEMESTER			FOURTH SEMESTER		
AGRC2019	2	Ecology of Natural and Agricultural Systems	AGRC2014	2	Problem Solving in Natural and Agifood Systems
GEOM2001	2	Geographical Information Systems	ENVM2503	2	Environment & Community
STAT2701	2	Biometrics I	ENVM2504	2	Regulatory Frameworks in Environmental Management
	2	Elective (from Part A elective list)		2	Elective (from Part A list) OR LAND2001 Land Resources and Landscape Processes
FIFTH SEMESTER			SIXTH SEMESTER		
AGRC3025	2	Decision Support Systems for Natural and Agrifood Systems	ENVM3521	4	Industrial Placement (Natural and Rural Systems)
LAND3013	2	Integrated Landscape Management	LPWM3003	4	Tropical Natural and Rural Systems Tour
LPWM2003	2	Principles of Wildlife Management			
LPWM2008	2	Cultural Heritage Management			
SEVENTH SEMESTER			EIGHTH SEMESTER		
ENVM3519	2	Visitors in Sensitive Environments OR	ENVM3506	2	International and National Conservation Policy
ENVM3517	2	Contemporary Protected Area Management (Sem 2)			
LPWM4001	4	Contemporary Case Studies ¹	LPWM4001	4	Contemporary Case Studies ¹
	2	Elective (from Part A elective list)		2	Elective (from Part A elective list)
	2	Elective (from Part A elective list)		2	Elective (from Part A elective list)

Part A Elective List

FIRST SEMESTER			SECOND SEMESTER		
Code	#	Title	Code	#	Title
ANIM2005	2	Australian Terrestrial Vertebrates	AGRC1017	2	Agricultural Mathematics ²
ENVM2519	2	National Park Management	AGRC2015	2	Short International Experience
ENVM3100	2	Sustainable Development 2	ANIM3016	2	Captive Wildlife Husbandry
ENVM3204	2	Great Barrier Reef: Environment, Science and Management	ANIM3018	2	Wildlife Technologies
ENVM3519	2	Visitors in Sensitive Environments	CHEM1003	2	Agricultural and Environmental Chemistry II
GEOS3105	2	Climate Change and Environmental Management	ENVM1511	2	Principles and Practices of Interpretation
LAND3007	2	Land Use and Management	ENVM2100	2	Sustainable Development 1
LPWM2006	2	Fisheries Science	ENVM2521	2	Research, Development and Extension Practice
MGTS2961	2	Group Dynamics, Negotiation and Adult Learning	ENVM3504	2	Environment, Sustainability and Ecotourism
MKTG3960	2	Applied Market Research	ENVM3520	2	Environmental Restoration
			FINM3960	2	Investment Project Appraisal
			GEOM3002	2	Advanced Geographical Information Systems
			GEOS2101	2	Climatology & Hydrology
			LAND3004	2	Rangeland Management

			LPWM2005	2	Fisheries Management
			LPWM3002	2	Sustainable Wildlife Use and Conservation
			PHIL2210	2	Environmental Philosophy
FIRST OR SECOND SEMESTER					
ANIM4601	2	Advanced Topic			
FOOD4601	2	Advanced Topic			
LPWM4601	2	Advanced Topic			

¹ Code for student in year course commencing in semester 1. Students must re-enrol in the same code in semester 2.

² Not available to students who have completed Year 12 Mathematics B.

Note

Courses from other Bachelor degree programs may be included as electives with free choice up to # 4 units. Any additional elective studies from other programs beyond # 4 units require written approval by the Director of Studies.

Specific requirements of the program

The course ENVM3521 Industrial Placement is a compulsory component of the Natural Systems and Wildlife program. ENVM3521 involves a detailed study of an enterprise or other professional workplace. A prerequisite for the course is the completion of at least # 34 units. ENVM3521 involves a continuous period of 16 weeks structured, course-related experience in organisations involved in management of natural and rural resources, including protected areas, wildlife, production enterprises and service industries.

Students who are in employment should discuss the requirements of ENVM3521 with the Course Coordinator at an early date. If a suitable project can be organised, approval can be given for students to complete this course in their workplace.

Bachelor of Environmental Management (Natural Systems and Wildlife) – St Lucia Campus

Honours – Students wishing to undertake Honours in Semester 7 and 8 will need to contact their academic adviser at the commencement of third year.

QTAC Code: 705101 Program Code: 2011

Academic Advisor: Assoc Professor Marc Hockings, Email: m.hockings@uq.edu.au

Part A Compulsory Courses

FIRST SEMESTER			SECOND SEMESTER		
Code	#	Title	Code	#	Title
AGRC1015	2	Knowledge Management in Natural and Agrifood Systems	BIOL2001	2	Australia's Terrestrial Environments
BIOL1030	2	Biodiversity & Our Environment	ENVM1512	2	Ecological Economics
ENVM1501	2	Introduction to Environmental Management	GEOM1000	2	Geographical Information & Analysis
GEOS1100	2	Environment & Society		2	Elective (From Part A elective list) OR MATH1040 Basic Mathematics (for students who have not completed Year 12 Maths B or equivalent)
THIRD SEMESTER			FOURTH SEMESTER		
BIOL2010	2	Ecology	AGRC2014	2	Problem Solving in Natural and Agrifood Systems
LAND2003	2	The Soil Environment	BIOL3000	2	Conservation & Wildlife Biology
STAT2701	2	Biometrics I	ENVM2503	2	Environment & Community
	2	Elective (from Part A elective list)	GEOM2002	2	Geographical Information Systems for Planning & Management
FIFTH SEMESTER			SIXTH SEMESTER		
ENVM3103	2	Regulatory Frameworks for Environmental Management & Planning	ENVM3521	4	Industrial Placement (Natural and Rural Systems)
ENVM3201	2	Catchment Processes & Management	LPWM3003	4	Tropical Natural and Rural Systems Tour
ENVM3526	2	Systems Thinking Systems Dynamics (for a Complex World)			
LPWM2008	2	Cultural Heritage Management			

SEVENTH SEMESTER			EIGHTH SEMESTER		
ENVM3519	2	Visitors in Sensitive Environments OR	ENVM3506	2	International and National Conservation Policy
ENVM3517	2	Contemporary Protected Area Management (Sem 2)			
LPWM4001	4	Contemporary Case Studies ¹	LPWM4001	4	Contemporary Case Studies ¹
	2	Elective (from Part A elective list)		2	Elective (from Part A elective list)
	2	Elective (from Part A elective list)		2	Elective (from Part A elective list)

Part A Elective List

FIRST SEMESTER			SECOND SEMESTER		
AGRC3025	2	Decision Support Systems for Natural & Agrifood Systems	ANIM3016	2	Captive Wildlife Husbandry
ANIM2005	2	Australian Terrestrial Vertebrates	ANIM3018	2	Wildlife Technologies
CONS3017	2	Landscape Ecology	BIOL2204	2	Zoology
ENVM2519	2	National Park Management	BIOL3015	2	Rainforest Ecology Field Studies
ENVM3100	2	Sustainable Development 2	CHEM1003	2	Agricultural and Environmental Chemistry II
ENVM3200	2	Coastal Processes & Management	ENVM1511	2	Principles and Practices of Interpretation
ENVM3203	2	Environmental Impact Assessment	ENVM2100	2	Sustainable Development 1
ENVM3204	2	Great Barrier Reef: Environment, Science and Management	ENVM2521	2	Research, Development and Extension Practice
ENVM3205	2	International Field Studies: Natural & Built Environments of a Selected Region	ENVM3202	2	Coral Reef Processes & Management
GEOM2000	2	Introduction to Remote Sensing of Environment	ENVM3504	2	Environment, Sustainability and Ecotourism
GEOS2100	2	Environmental Systems	ENVM3517	2	Contemporary Protected Area Management
GEOS3105	2	Climate Change and Environmental Management	ERTH1000	2	Planet Earth: The Big Picture
LAND3007	2	Land Use and Management	GEOM3001	2	Advanced Remote Sensing of Environment
LPWM2006	2	Fisheries Science	GEOM3002	2	Advanced Geographical Information Systems
MATH1040	2	Basic Mathematics ²	GEOM3005	2	Computing in Geographical Information Systems
MGTS2961	2	Group Dynamics, Negotiation and Adult Learning	GEOS2101	2	Climatology & Hydrology
			GEOS2103	2	Biogeography & Geomorphology
			LPWM2005	2	Fisheries Management
			LPWM2007	2	Environmental Management Field Studies
			LPWM3002	2	Sustainable Wildlife Use and Conservation
			MATH1040	2	Basic Mathematics ²
FIRST OR SECOND SEMESTER					
AGRC2015	2	Short International Experience			
LPWM3005	2	Game Management – the science of sustainable use			
LPWM4601	2	Advanced Topic			

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