

Elective Pathways Based on Majors

COASTAL AND MARINE SCIENCE			ECOSYSTEMS AND BIODIVERSITY		
Students to complete the following:			Choose 10 units from below:		
MARI1000	Issues in the Marine Environment	10	BIOL1001	Molecules, Cells and Organisms	10
ENVS2004	Ecology	10	CHEM1020	Introductory Chemistry II	10
MARI2300	Marine Biology	10	GEOS1040	Earth's Dynamic Systems	10
MARI2500	Coastal & Marine Ecosystem Services	10	Choose 30 units from below:		
			BIOL2090	Microbial Biology	10
			ENVS2005	Ecology and Management of Australian Flora	
			ENVS2006	Ecology and Management of Australian Fauna	10
			ENVS2009	Catchment and Water Resource Management	10
NATURAL RESOURCES AND HAZARDS			SUSTAINABILITY		
Students to complete the following:			Choose 10 units from below:		
GEOS1040	Earth's Dynamic Systems	10	BIOL1001	Molecules, Cells and Organisms	10
GEOS2050	River Basin Processes	10	ENVS1004	Social Development & the Environment	10
GEOS2060	Soil Properties and Processes	10	GEOG1020	Introduction to Human Geography	10
Choose 10 units from below:			Choose 30 units from below:		
ENVS2009	Catchment and Water Resource Management	10	ENVS2004	Ecology	10
GEOS2080	Earth Science Field Course	10	ENVS2005	Ecology and Management of Australian Flora	10
GEOS2200	Earth's Sedimentary Rocks & Environments	10	ENVS2006	Ecology and Management of Australian Fauna	10
			ENVS2008	The Sustainable Society	10
			ENVS2009	Catchment and Water Resource Management	10
			GEOG2080	Cities and Regions	10
			GEOG2130	Geographies of Development	10
			SOCS2400	Applied Social Research	10

Additional Elective Pathways

BIOLOGY			CHEMISTRY		
Students to complete the following:			Students to complete the following.		
BIOL1001	Molecules, Cells and Organisms	10	CHEM1010	Introductory Chemistry I	10
BIOL1002	Organisms to Ecosystems	10	CHEM1020	Introductory Chemistry II	10
Choose 20 units from below, being mindful of assumed knowledge:			CHEM2610	Environmental Chemistry	10
BIOL2020	Animal Physiology and Development	10	CHEM2110	Analytical Chemistry	10
BIOL2050	Molecular Genetics	10			
BIOL2090	Microbial Biology	10			
BIOL2220	Plant Cell Development	10			
BIOL3020	Reproductive Physiology and Development	10			
BIOL3090	Molecular Biology	10			
BIOL3100	Microbiology	10			
BIOL3330	Plant Development and Physiology	10			

GEOGRAPHY			PSYCHOLOGY		
Students to complete the following.			Students to complete the following.		
GEOS1040	Earth's Dynamic Systems	10	PSYC1010	Psychology Introduction 1	10
GEOG1020	Introduction to Human Geography	10	PSYC1020	Psychology Introduction 2	10
GEOG2080	Cities & Regions	10	PSYC2300	Cognitive Psychology	10
GEOG2130	Geographies of Development	10	PSYC2400	Biological Psychology	10
MODELLING*			LIVING UNIVERSE		
Choose 10 units from below, depending on mathematical background.			Students to complete the following:		
MATH1120	Mathematics for Engineering, Science & Technology 2	10	BIOL1001	Molecules, Cells and Organisms	10
MATH1210	Discovery Mathematics 1	10	GEOS1040	Earth's Dynamic Systems	10
MATH1220	Discovery Mathematics 2	10	PHYS2100	Introduction to Astronomy	10
Students to complete the following.			GEOS2019	Astrobiology	
MATH1800	Mathematical Modelling	10			
Choose 20 units from below:					
MATH2310	Calculus of Science and Engineering	10			
MATH2800	Differential Equations	10			
MATH2920	Thinking and Working Mathematically	10			
STAT2000	Applied Statistics and Research Methods	10			
STAT2020	Predictive Analytics	10			
STAT3100	Statistical Inference	10			
* This Minor has been designed for those who have previously completed either MATH1110, MATH1120 or MATH1210					

Transdisciplinary Elective Pathways

BUSINESS MANAGEMENT			COMMUNICATION		
Choose 40 units from below (with a maximum of 20 units at 1000 level):			Students to complete the following:		
MNGT1001	Introduction to Management	10	STEC2100	Science & Professional Communication	10
MNGT1002	Introduction to Entrepreneurship and Innovation	10	CMNS2500	Developing Multimedia Publications	10
MNGT2002	Business Venturing	10	Choose 20 units from below:		
MNGT3009	Business Development and Growth	10	CMNS1005	Media Production: Cinematography	10
			CMNS1000	Introduction to Digital Communication	10
			CMNS1090	Introduction to Professional Writing	10
			CMNS1230	Foundations of Media Production	10
ENVIRONMENTAL REGULATION			POLITICS AND POLICY		
Students to complete the following:			Students to complete the following:		
LEGL1001	Foundations of Law	10	POLI1010	Australian Politics and Government	10
LEGL2002	Law of Business Organisations	10	POLI2180	Politics, Policy and Government	10
LEGL3111	Employment Law	10			
Choose 10 units from the following:			Choose 20 units from the following:		
ERAR6001	Site Assessment and Planning	10	POLI3001	Organisations, Politics and Society	10
ERAR6006	Ecological Risk Assessment	10	POLI3130	Principles of Public Policy	10
LAWS6037	International Environment Law and Policy	10	POLI3150	Foundations of International Relations	10
LAWS6038	Law and Economics of Climate Change	10			
LEGL6004	Law for Workplace Health and Safety	10			
LEGL6005	Co-operative Law and Governance	10			

EDUCATION STUDIES			INDIGENOUS ENVIRONMENTAL AND COMMUNITY PRACTICES		
Choose 40 units from below:			Students to complete the following:		
EDUC1001	Educational Philosophy	10	ABOR1110	Introduction to Aboriginal Studies	10
EDUC2052	Specialist Studies in Science 1	10	ABOR2243	Indigenous People, Global Warming and the Environment	10
EDUC2200	Future of Learning & Teaching	10	Choose 20 units from the following:		
EDUC3810	Teaching Science with the Creative Arts	10	ABOR1370	Working with Aboriginal Communities	10
EDUC4110	STEM – An exercise in Integration	10	ABOR2244	Reconciling Australia's Colonial Past and Present	10
EDUC4807	Educating for Ecologically Sustainable Communities	10	ABOR2330	Traditional Aboriginal Society	10
SCIE2100	Science & Professional Communication	10			
SOCIAL SCIENCE			TOURISM		
Students to complete the following:			Students to complete the following:		
SOCS1100	Professional Practice and Key Debates in Social Sciences	10	LEIS1000	Leisure Behaviour and Organisation	10
Choose 30 units from the following:			TOUR2002	Global Tourism Management	10
SOCS2100	Organisational Management and Social Behaviour	10	TOUR2003	Visitor Management	10
SOCS2300	Ethical Debates in the Social Sciences	10	TOUR3000	Tourism and Environmental Management	10
SOCS2400	Applied Social Research	10			
SOCS3100	Policy Development, Program Management and Evaluation	10			
NATURAL HISTORY ILLUSTRATION					
Choose 40 units from below (with a maximum of 20 units at 1000 level).					
NHIL1001	Natural History Field Studies 1	10			
NHIL1003	Natural History Field Studies 2	10			
NHIL1005	Botanical Scientific Illustration	10			
NHIL2001	Advanced Field Studies	10			
NHIL2002	Natural History Theoretical Studies	10			
NHIL2004	Anatomical and Medical Illustration	10			