

Science

Bachelor of Environmental Management (3965) - [Handbook](#)

2024 Commencing Students
Program Structure



Single Degree Mode

PROGRAM STRUCTURE	Environmental Management courses	120 UOC (20 courses)	120 UOC	144 UOC
	Free Electives	12 UOC (2 courses)	36 UOC	
	General Education	12 UOC (2 courses)		

Science Electives are courses taken from within the Faculty of Science or as defined [here](#)

Free Electives are courses from any Faculty at UNSW including Science, but cannot be GEN-branded courses

General Education must be taken from courses that are not considered [Science Electives](#)

Dual Degree Mode

PROGRAM STRUCTURE	Environmental Management courses	120 UOC (20 courses)	120 UOC	216 UOC
	Bachelor of Arts courses	96 UOC		

Science students cannot take GENS courses under any circumstance

Students in Single Degree Mode cannot complete more than 72 UoC of Level 1 courses including any GEN courses and Level 1 courses taken for General Education.

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Geography	7
Marine and Coastal Science	8

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2024 Commencing Students – Single Degree – Major in Biology ([BIOSJ1](#))

Choose from available proposed courses in each year

Year 1		
BIOS1301 (T1)	BIOS1101 (T2)	BEES1041 (T3)
BABS1201 (T1, T3)	GEOS1701 (T2)	MATH1041 (T1, T2, T3)
GEOS1211 (T1)	ECON1107 (T2)	

Year 2		
BEES2041 (T1)	GEOS2821 (T2)	LAWS9801 (T3)
6 UOC Level 2 Biology Prescribed Elective (See Note 1)	6 UOC Level 2 Biology Prescribed Elective (See Note 1)	6 UOC Level 2 Biology Prescribed Elective (See Note 1)
6 UOC Free Elective	6 UOC General Education	

Year 3		
BIOS3161 (T1) OR BIOS3601 (T1) OR BIOS3061 (T2) OR GEOS3761 (T2)	6 UOC Level 3 Biology Prescribed Elective (See Note 2)	BIOS6671 (T3)
GEOS3911 (T1)	6 UOC Level 3 Biology Prescribed Elective (See Note 2)	BIOS3171 (T3)
6 UOC Free Elective	6 UOC General Education	

NOTES

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See Program Structure on page 1 for a guide on the terminology and colour codes used in this progression plan.

Note 1: Level 2 Biology Prescribed Electives: BIOS2011, BIOS2031, BIOS2051, BIOS2061, BIOS2123, BIOS2500

Note 2: Level 3 Biology Prescribed Electives: BEES3041, BIOS3011, BIOS3061, BIOS3081, BIOS3123, BIOS3161, BIOS3221, BIOS3601, BIOS6671, BIOS6723, GEOS3911

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2024 Commencing Students – Single Degree – Major in Earth Science ([GEOLS1](#))

Choose from available proposed courses in each year

Year 1		
BIOS1301 (T1)	ECON1107 (T2)	GEOS1111 (T3)
GEOS1211 (T1)	GEOS1701 (T2)	BEES1041 (T3)
MATH1041 (T1, T2, T3)	6 UOC Free Elective	

Year 2		
BEES2041 (T1)	GEOS2821 (T2)	LAWS9801 (T3)
6 UOC Level 2 Earth Science Elective (see Notes 2)	GEOS2181 (T2)	GEOS2131 (T3)
6 UOC Free Elective	6 UOC General Education	

Year 3		
GEOS3911 (T1)	6 UOC Level 3 Earth Science Elective (see Notes 3)	BIOS6671 (T3)
GEOS3171 (T1)	6 UOC Environmental Management Level 3 Core (see Notes 4)	GEOS3141 (T3)
GEOS3281 (T1)	6 UOC General Education	

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	See Program Structure on page 1 for a guide on the terminology and colour codes used in this progression plan.
	1. Environmental Management Prescribed Electives: GEOS2241 (T3), GEOS2641, GEOS3921 (T3), ARTS1240 (T2), ARTS1241 (T3), ARTS2240 (T1), ARTS2244 (T2), ARTS3241 (T2), ARTS3242 (T1), BEES2051 (T1, T2, T3), MGMT2721, MGMT2726
	2. Level 2 Earth Science Elective: BEES2741 (T2), GEOS2291 (T1), GEOS2721 (T3), GEOS2821 (T), MERE2001 (T2), MERE2002 (T2)
	3. Level 3 Earth Science Elective: BEES3199, GEOS3761, GEOS3911
	4. Environmental Management Level 3 Core: BIOS3061 (T2), BIOS3161 (T1), BIOS3601 (T1), GEOS3761 (T2)

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2024 Commencing Students – Single Degree – Major in Ecology ([BIOSG1](#))

Choose from available proposed courses in each year

Year 1		
BIOS1301 (T1)	ECON1107 (T2)	BEES1041 (T3)
GEOS1211 (T1)	GEOS1701 (T2)	6 UOC Enviro Man. Prescribed Elective (see Notes 1)
MATH1041 (T1, T2, T3)	BIOS1101 (T2)	

Year 2		
BEES2041 (T1)	GEOS2821 (T2)	LAWS9801 (T3)
BIOS2011 (T1)	GEOS2711 (T2)	6 UOC Level 2 Ecology Elective (see Notes 2)
6 UOC Free Elective	6 UOC General Education	

Year 3		
GEOS3911 (T1)	BIOS3061 (T2)	BIOS6671 (T3)
BIOS3601 (T1)	6 UOC Enviro Man. Prescribed Elective (see Notes 1)	6 UOC Level 3 Ecology Elective (see Notes 3)
6 UOC Free Elective	6 UOC General Education	

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	See Program Structure on page 1 for a guide on the terminology and colour codes used in this progression plan.
	Note 1: Environmental Management Prescribed Electives: GEOS2241 (T3), GEOS2641, GEOS3921 (T3), ARTS1240 (T2), ARTS1241 (T3), ARTS2240 (T1), ARTS2244 (T2), ARTS3241 (T2), ARTS3242 (T1), BEES2051 (T1, T2, T3), MGMT2721, MGMT2726
	Note 2: Level 2 Ecology Elective: BIOS2031 (T3), BIOS2051 (T3), BIOS2061 (T2), BIOS2123 (T3), GEOS2821 (T2) Note 3: Level 2 Ecology Elective: BEES3041 (T2), BIOS3011 (T2), BIOC3081 (T1), BIOS3123, BIOS3161 (T1), BIOS3171 (T3), BIOS6723 (T2), GEOS3911 (T1)

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2024 Commencing Students – Single Degree – Major in Environment Chemistry ([ENVST1](#))

Choose from available proposed courses in each year

Year 1		
BIOS1301 (T1)	ECON1107 (T2)	CHEM1021 (T1, T2, T3)
GEOS1211 (T1)	CHEM1011 (T1, T2, T3)	6 UOC Free Elective
MATH1041 (T1, T2, T3)	GEOS1701 (T2)	

Year 2		
BEES2041 (T1)	GEOS2821 (T2)	LAWS9801 (T3)
CHEM2041 (T1, T3)	CHEM2021 (T2)	CHEM2031 (T3)
6 UOC Free Elective	6 UOC General Education	

Year 3		
GEOS3911 (T1)	CHEM3041 (T2)	BIOS6671 (T3)
CHEM3021 (T1) OR CHEM3031 (T2)	GEOS3281 (T2)	CHEM3901 (T3)
6 UOC Enviro Man. Level 3 Core (see Notes 1)	6 UOC General Education	

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	See Program Structure on page 1 for a guide on the terminology and colour codes used in this progression plan.
	1. Environmental Management Level 3 Core: BIOS3061 (T2), BIOS3161 (T1), BIOS3601 (T1), GEOS3761 (T2)

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2024 Commencing Students – Single Degree – Major in Geography ([GEOGG1](#))

Choose from available proposed courses in each year

Year 1		
BIOS1301 (T1)	GEOS1701 (T2)	BEES1041 (T3)
ECON1107 (T2)	MATH1041 (T1, T2, T3)	6 UOC Enviro Man. Prescribed Elective (See Notes 1)
GEOS1211 (T1)	6 UOC Enviro Man. Prescribed Elective (See Notes 1)	

Year 2		
BEES2041 (T1)	GEOS2821 (T2)	LAWS9801 (T3)
6 UOC Level 3 Geography Elective (See Notes 2)	GEOS2711 (T2)	GEOS2721 (T3)
6 UOC General Education	6 UOC Free Elective	

Year 3		
GEOS3911 (T1)	GEOS3761 (T2)	BIOS6671 (T3)
6 UOC Level 3 Geography Elective (see Notes 2)	6 UOC Enviro Man. Prescribed Elective (see Notes 1)	GEOS3921 (T3)
6 UOC Free Elective	6 UOC General Education	

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	See Program Structure on page 1 for a guide on the terminology and colour codes used in this progression plan.
	1. Environmental Management Prescribed Elective: ARTS1240 (T2), ARTS1241 (T3), ARTS2240 (T1), ARTS2244 (T2), ARTS3241 (T2), ARTS3242 (T1), BEES2051 (T1, T2, T3), MGMT2721 (T3), MGMT2726 2. Level 3 Geography Elective: GEOS3731 (T3), GEOS3811, GEOS3821 (T1), GEOS6733, BEES3199

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2024 Commencing Students – Single Degree – Major in Marine and Coastal Science ([MSCIM1](#))

Choose from available proposed courses in each year

Year 1		
GEOS1211 (T1)	MSCI1001 (T2)	BEES1041 (T3)
BIOS1301 (T1)	BIOS1101 (T2)	6 UOC Free Elective
MATH1041 (T1, T2, T3)	GEOS1701 (T2)	

Year 2		
BEES2041 (T1)	GEOS2821 (T2)	BIOS2091 (T3)
6 UOC Prescribed Elective (See Note 1)	ECON1107 (T2)	BIOS2031 (T3)
	6 UOC General Education	LAWS9801 (T3)

Year 3		
BIOS3081 (T1)	MSCI3001 (T2)	BIOS6671 (T3)
GEOS3911 (T1)	BIOS3161 (T1) OR BIOS3601 (T1) OR BIOS3061 (T2) OR GEOS3761 (T2)	6 UOC Free Elective
GEOS3731 (T1)	6 UOC General Education	

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1. Environmental Management Prescribed Elective: ARTS1240, ARTS1241, ARTS2240, ARTS2244, ARTS3241, ARTS3242, MGMT2721, MGMT2726