

Science

# Bachelor of Environmental Management (3965)

2019 Commencing Students

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# Single degree – 3965 Bachelor of Environmental Management

with a major in

**Biology** (BIOSJ13965)

BABS1201 T1, T3	BIOS1101 T2	BIOS1301* T1	MATH1041 T1, T2, T3	GEOS1211 T1	GEOS1701 T2	ECON1107 T1	General Education
BEES2041* T1	BABS2204 or BABS2264 T3	6 UoC from Stage 2 Biology Electives	6 UoC from Stage 2 Biology Electives	GEOS2821 T2	LAWS9801 T3	General Education	Free Elective
BIOS6671* T3	GEOS3911* T1	6 UoC stage 3 Program Core	6 UoC from Stage 3 Biology Electives	6 UoC from Stage 3 Biology Electives	Prescribed Elective	Prescribed Elective	Free Elective

Program Structure		
Major	120 UoC (20 courses)	<b>144 UoC</b>
Program Core		
Prescribed Electives		
Free Electives	12 UoC (2 courses)	
General Education	12 UoC (2 courses)	

**Stage 2 Biology Electives:** BIOS2011 (T1), BIOS2031 (T3), BIOS2051 (T3), BIOS2061 (T2)

**Stage 3 Program Core:** BIOS3061\* (T3), BIOS3161\* (T1), BIOS3601\* (T1) or GEOS3761<sup>^</sup> (T2).  
<sup>^</sup>If GEOS3761 is chosen as program core, then an additional stage 3 Biology elective should be completed instead of a prescribed elective.

**Stage 3 Biology Electives:** BIOS3011 (T2), BIOS3061 (T3)\*, BIOS3081 (T1), BIOS3161 (T1)\*, BIOS3171 (T3), BIOS3221 (T3), BIOS3601 (T1)\*

**Prescribed Electives:** ARTS1240, ARTS1241, ARTS2240, ARTS2244, ARTS3241, ARTS3242, MGMT2721, MGMT2726, GEOS2241, GEOS3921

\*indicates overlapping courses between the Biology Major and the B. EnvMgmt Program Core

**Please note:** Term offerings are subject to change, please check the timetable prior to planning for your enrolment. **Please see the handbook for recommended electives.**

**Free Electives** may be from Science or from any other Faculty at UNSW.

**General Education** courses cannot be Science courses, and Science students cannot take GEN<sup>S</sup> courses for their General Education.

**Recommended Electives** are not required, but are recommended as complementary courses for this major when choosing electives.

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

<sup>^</sup>The *simplest* (but not only) way to complete Stage 3 of 3965 with a Biology Major is to complete: BIOS6671, GEOS3911, (BIOS3061 or BIOS3161 or BIOS3601) plus an additional 12 UOC Stage 3 Biology plus 12 UOC of Prescribed Electives.



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## Earth Science (GEOLS13965)

GEOS1111 T3	GEOS1211* T1	MATH1041 T1, T2, T3	BIOS1301 T1	GEOS1701 T2	ECON1107 T1	General Education	General Education
BEES2041* T1	GEOS2131 T1	GEOS2181 T2	GEOS2821* T2	6 UoC from: GEOS2071 (T1) GEOS2291 (T3) GEOS2721 (T3)	LAWS9801 T3	Free Elective	Free Elective
GEOS3141 T3	GEOS3171 T3	6 UoC from Stage 3 Program Core <sup>^</sup>	6 UoC from Stage 3 Earth Science Electives	6 UoC from Stage 3 Earth Science Electives	BIOS6671 T2	GEOS3911 T1	Prescribed Elective <sup>^</sup>

Program Structure		
Major	120 UoC (20 courses)	144 UoC
Program Core		
Prescribed Electives		
Free Electives	12 UoC (2 courses)	
General Education	12 UoC (2 courses)	

**Stage 3 Program Core<sup>^</sup>:** BIOS3061 (T3), BIOS3161 (T1), BIOS3601 (T1) or GEOS3761\* (T2).

**Stage 3 Earth Science Electives<sup>^</sup>:** GEOS3071 (T2), GEOS3281 (T2), GEOS3821 (T1), GEOS3331, GEOS3721 (T3), GEOS3761\* (T2) or GEOS3811 (T3)

**^If GEOS3761 is not chosen, then you must complete an additional stage 3 Earth Science elective instead of the prescribed elective.**

**Prescribed Electives:** ARTS1240, ARTS1241, ARTS2240, ARTS2244, ARTS3241, ARTS3242, MGMT2721, MGMT2726, GEOS2241, GEOS3921

\*indicates overlapping courses between the Earth Science Major and the B. EnvMgmt Program Core.

**Please note:** Term offerings are subject to change, please check the timetable prior to planning for your enrolment. **Please see the handbook for recommended electives.**

**Free Electives** may be from Science or from any other Faculty at UNSW.

**General Education** courses cannot be Science courses, and Science students cannot take GEN courses for their General Education.

**Recommended Electives** are not required, but are recommended as complementary courses for this major when choosing electives.

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

**^The best (but not only) way to complete Stage 3 of 3965 with an Earth Science Major is to complete: BIOS6671, GEOS3911, GEOS3761, GEOS3141, GEOS3171 plus an additional 12 UOC Stage 3 Earth Science plus 6 UOC of Prescribed Electives.**



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**Ecology** (BIOSG13965)

BIOS1101 T2	BIOS1301* T1	MATH1041 T1, T2, T3	GEOS1701* T2	GEOS1211 T1	ECON1107 T1	General Education	General Education
BEES2041* T1	BIOS2011 T2	GEOS2711 T2	6 UoC from: BIOS2031 (T3) BIOS2051 (T3) BIOS2061 (T2)	GEOS2821 T2	LAWS9801 T3	Prescribed Elective	Free Elective
BIOS6671* T3	BIOS3601 T1	BIOS3061* T3	GEOS3911* T1	6 UoC from Stage 3 Ecology Electives	Prescribed Elective	Prescribed Elective	Free Elective

Program Structure		
Major	120 UoC (20 courses)	<b>144 UoC</b>
Program Core		
Prescribed Electives	12 UoC (2 courses)	
Free Electives		
General Education		

**Stage 3 Ecology Electives:** BIOS3681 (T1), BIOS3091 (T3), BIOS3161 (T1), BIOS3171 (T3)

**Prescribed Electives:** ARTS1240, ARTS1241, ARTS2240, ARTS2244, ARTS3241, ARTS3242, MGMT2721, MGMT2726, GEOS2241, GEOS3921

\*indicates overlapping courses between Ecology Major and the B. EnvMgmt Program Core.

**Please note:** Term offerings are subject to change, please check the timetable prior to planning for your enrolment. **Please see the handbook for recommended electives.**

**Free Electives** may be from Science or from any other Faculty at UNSW.

**General Education** courses cannot be Science courses, and Science students cannot take GEN<sub>S</sub> courses for their General Education.

**Recommended Electives** are not required, but are recommended as complementary courses for this major when choosing electives.

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## Environmental Chemistry (ENVST13965)

CHEM1011 T1, T2, T3	CHEM1021 T1, T2, T3	MATH1041 T1, T2, T3	GEOS1701 T2	BIOS1301 T1	ECON1107 T1	GEOS1211 T1	General Education
CHEM2021 T2	CHEM2031 T3	CHEM2041 T1, T3	BEES2041 T1	GEOS2821 T2	LAWS9801 T3	Free Elective	General Education
CHEM6041 T2	CHEM3901 T3	GEOS3281 T2	6 UoC from: CHEM3021 (T1) CHEM3031 (T2)	BIOS6671 T3	GEOS3911 T1	6 UoC from Stage 3 Program Core	Free Elective

Program Structure			
Major	120 UoC (20 courses)	144 UoC	
Program Core			
Free Electives			12 UoC (2 courses)
General Education			12 UoC (2 courses)

**Stage 3 Program Core:** BIOS3061 (T3), BIOS3161 (T1), BIOS3601 (T1), GEOS3761 (T2)

**Note:**

BIOS3061 has a prerequisite of BIOS2011

BIOS3161 has a prerequisite of one of BIOS2031, BIOS2051 or BIOS2061

BIOS3601 has a prerequisite of one of BIOS2031, BIOS2051 or BIOS2061.

**Please see the handbook for recommended electives.**

**Please note: students doing this Major do not do any Prescribed Electives.**

Semester offerings are subject to change, please check the timetable prior to planning for your enrolment.

**Free Electives** may be from Science or from any other Faculty at UNSW.

**General Education** courses cannot be Science courses, and Science students cannot take GEN<sub>S</sub> courses for their General Education.

**Recommended Electives** are not required, but are recommended as complementary courses for this major when choosing electives.

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**Geography** (GEOGG13965)

BIOS1301*	GEOS1701*	MATH1041	GEOS1211	ECON1107	General Education	General Education	Free Elective
T1	T2	T1, T2, T3	T1	T1			
BEES2041*	GEOS2821*	6 UoC from Stage 2 Geography Electives	6 UoC from Stage 2 Geography Electives	6 UoC from Stage 2 Geography Electives	LAWS9801	Prescribed Elective	Free Elective
T1	T2				T3		
GEOS3911*	GEOS3761*	GEOS3921	6 UoC from Stage 3 Geography Electives	6 UoC from Stage 3 Geography Electives	BIOS6671	Prescribed Elective	Prescribed Elective
T1	T2	T3			T3		

Program Structure		
Major		<b>144 UoC</b>
Program Core	120 UoC (20 courses)	
Prescribed Electives		
Free Electives	12 UoC (2 courses)	
General Education	12 UoC (2 courses)	

**Stage 2 Geography Electives:** GEOS2021 (T2), GEOS2241 (T3), GEOS2291 (T3), GEOS2711 (T2), GEOS2721 (T3)

**Stage 3 Electives:** GEOS3071 (T2), GEOS3611 (T2), GEOS3721 (T3), GEOS3731 (T1), GEOS3811 (T3), GEOS3821 (T1)

**Prescribed Electives:** ARTS1240, ARTS1241, ARTS2240, ARTS2244, ARTS3241, ARTS3242, MGMT2721, MGMT2726

\*indicates overlapping courses between the Geography Major and the B. EnvMgmt Program Core

**Please note:** Term offerings are subject to change, please check the timetable prior to planning for your enrolment. **Refer to the handbook for recommended electives.**

**Free Electives** may be from Science or from any other Faculty at UNSW.

**General Education** courses cannot be Science courses, and Science students cannot take GEN<sub>S</sub> courses for their General Education.

**Recommended Electives** are not required, but are recommended as complementary courses for this major when choosing electives.

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## Marine and Coastal Science (MSCIM13965)

BABS1201 T1, T3	BIOS1101 T2	GEOS1701* T2	MATH1041 T1, T2, T3	BIOS1301 T1	ECON1107 T1	GEOS1211 T1	General Education
BEES2041* T1	BIOS2031 T3	GEOS2821* T2	MSCI2001 T1	LAWS9801 T3	Free Elective	Free Elective	General Education
BIOS3081 T1	BIOS3091 T3	MSCI3001 T2	6 UoC from: GEOS3731 (T1) GEOS3921 (T3)	BIOS6671 T3	GEOS3911 T1	6 UoC from Stage 3 Program Core	Prescribed Elective

Program Structure		
Major	120 UoC (20 courses)	<b>144 UoC</b>
Program Core		
Prescribed Electives		
Free Electives	12 UoC (2 courses)	
General Education	12 UoC (2 courses)	

**Stage 3 Program Core:** BIOS3061 (T3), BIOS3161 (T1), BIOS3601 (T1) or GEOS3761 (T2).

**Note:**

BIOS3061 has a prerequisite of BIOS2011  
 BIOS3161 has a prerequisite of one of BIOS2031, BIOS2051 or BIOS2061  
 BIOS3601 has a prerequisite of one of BIOS2031, BIOS2051 or BIOS2061.

**Prescribed Electives:** ARTS1240, ARTS1241, ARTS2240, ARTS2244, ARTS3241, ARTS3242, MGMT2721, MGMT2726, GEOS2241, GEOS3921

**Please refer to the handbook for recommended electives.**

\*indicates overlapping courses between the Marine and Coastal Science Major and the B.EnvMgmt Program Core

**Please note:** Term offerings are subject to change, please check the timetable prior to planning for your enrolment.

**Free Electives** may be from Science or from any other Faculty at UNSW.

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**Recommended Electives** are not required, but are recommended as complementary courses for this major when choosing electives.

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