

PROGRAM ENROLMENT CHECKLIST

Bachelor of Environmental Science and Management

SINGLE MAJOR: *Ecosystems and Biodiversity Major, Marine Science Major and Sustainability Major*

For students who commenced in this program in 2011 and 2012

YEAR	COURSE	UNITS	STATUS	REMARKS
YEAR 1	ENVS1001 Environmental Science Concepts and Methods (10 units)	10	CORE	
	BIOL1002 Organisms to Ecosystems (10 units) <i>Not to count with BIOL1040 or BIOL1050</i> Callaghan OR BIOL1050 Introduction to Biology II (10 units) <i>Not to count with BIOL1001, BIOL1002 and/or BIOL1003</i> Ourimbah	10	CORE MAJOR	
YEAR 2	ENVS1003 Environmental Values and Ethics (10 units)	10	CORE	
	STAT1070 Statistics for the Sciences (10 units) <i>Depending on your prior Mathematics study, you are encouraged to enrol in MATH1001 in Semester One of Year One to allow you to develop the assumed knowledge required for STAT1070.</i>	10	CORE	
YEAR 3	1000 level directed course (10 units) MATH1001 <i>(Semester 1 at Ourimbah and Callaghan)</i> OR MATH1110 <i>(Semester 1 and 2 at Callaghan)</i> OR PHYS1150 <i>Not to count with PHYS1200, PHYS1205 and/or PHYS1210 (Semester 2 at Ourimbah)</i>	10	DIRECTED	
	1000 level major course (10 units)	10	MAJOR	
YEAR 2	ENVS2002 Environmental Legislation and Planning (10 units)	10	CORE	
	ENVS2001 Environmental Concepts: Energy (10 units) <i>Students who completed ENVS2040 in 2011 or earlier do not need to complete ENVS2001</i>	10	CORE	
YEAR 3	GEOS2161 GIS and Remote Sensing (10 units)	10	CORE	
	2000 level major course (10 units)	10	MAJOR	
YEAR 3	2000 level major course (10 units)	10	MAJOR	
	2000 level major course (10 units)	10	MAJOR	
YEAR 3	ENVS3001 Integrated Impact Assessment (10 units)	10	CORE	
	ENVS3002 Applied Environmental Assessment (10 units)	10	CORE	
YEAR 3	3000 level major course (10 units)	10	MAJOR	
	3000 level major course (10 units)	10	MAJOR	
YEAR 3	3000 level major course (10 units)	10	MAJOR	
	3000 level major course (10 units)	10	MAJOR	
CHECKLIST: I think I am finished!				NOTES
240 units in total	<input type="checkbox"/>	<ol style="list-style-type: none"> It is a student's responsibility to ensure that they are correctly enrolled. To ensure that you have the most current information, this PEC should be read in conjunction with the Program Handbook: http://www.newcastle.edu.au/program/11394.html A load of 40 units per semester (80 units per year) for three years is a standard full-time load. Students may enrol in less than 80 units per year but must complete this program within 8 years. An Elective course can be any unrestricted offering at the University, including any additional courses from those listed in the Bachelor of Environmental Science and Management's Program Handbook. When choosing your Elective courses, please ensure that you do not exceed 100 units of 1000 level courses 		
No more than 100 units at 1000 Level	<input type="checkbox"/>			
90 units of Core courses	<input type="checkbox"/>			
10 units of 1000 Level Directed courses	<input type="checkbox"/>			
One 90 unit Major, including: ▪ 20 units at 1000 Level (including BIOL1002/BIOL1050) ▪ 30 units at 2000 Level ▪ 40 units at 3000 Level	<input type="checkbox"/>			
60 units of Electives	<input type="checkbox"/>			

SUGGESTED ENROLMENT SEQUENCE

The following is a suggested enrolment sequence. You do not have to follow this sequence. However, you may find it useful as a guide to map your enrolment.

	Semester One				Semester Two			
Year 1	ENVS1001	MATH1001 OR MATH1110	1000 level major course	1000 level Elective	ENVS1003	BIOL1002 OR BIOL1050	STAT1070	1000 level Elective
Year 2	ENVS2002	2000 level major course	2000 level major course	1000/2000/3000 level Elective	ENVS2001	GEOS2161	2000 level major course	1000/2000/3000 level Elective
Year 3	ENVS3001	3000 level major course	3000 level major course	2000/3000 level Elective	ENVS3002	3000 level major course	3000 level major course	2000/3000 level Elective



YOUR PROGRAM

Program Code: 11587
CRICOS Code: 059877D
CRICOS Provider Number: 00109J

This Program Enrolment Checklist (PEC) is current at 30/11/2011 and is subject to change. To access the most current PEC, please refer to your Program Handbook:
<http://www.newcastle.edu.au/program/11394.html>

**Bachelor of Environmental Science and Management
2011 - 2012 Program**

Ecosystems & Biodiversity Major 90 units	Sem	Marine Science Major 90 units	Sem	Sustainability Major	Sem
20 units from 1000 level Directed courses BIOL1002 Organisms to Ecosystems (Not with BIOL1050) BIOL1003 Professional Skills for Biological Sciences 1 BIOL1040 Introduction to Biology I (Not with BIOL1001) BIOL1050 Introduction to Biology II (Not with BIOL1002) CHEM1010 Introductory Chemistry I CHEM1020 Introductory Chemistry II GEOS1040 Earth's Dynamic Systems	2 2 1 CC 2 CC 1 2 1	20 units from 1000 level Directed courses BIOL1040 Introduction to Biology I (Not with BIOL1001) BIOL1050 Introduction to Biology II (Not with BIOL1002)	1 CC 2 CC	20 units from 1000 level Directed courses BIOL1040 Introduction to Biology I (Not with BIOL1001) BIOL1050 Introduction to Biology II (Not with BIOL1002) ENVS1004 Social Development & the Environment (Not with EMGT1020 or SRMT1020) GEOG1020 Introduction to Human Geography	1 CC 2 (CC) 1 2
30 units from 2000 level Directed courses BIOL2090 Microbial Biology CHEM2110 Analytical Chemistry CHEM2610 Environmental Chemistry I ENVS2004 Ecology (Not with BIOL2070) ENVS2005 Ecology & Management of Australian Flora (Not with EMGT2040) ENVS2006 Ecology & Management of Australian Fauna (Not with EMGT2050 or SRMT2040) ENVS2009 Catchments & Water Supply	2 2 1 1 1 1	30 units from 2000 level Directed courses ENVS2004 Ecology (Not BIOL2070) MARI2300 Marine Biology (Available Ourimbah only) MARI2320 Marine Ecology (Available Ourimbah only)	1 CC 2 CC	30 units from 2000 level Directed courses ENVS2004 Ecology (Not with BIOL2070) ENVS2006 Ecology & Management of Australian Fauna (Not with EMGT2050 or SRMT2040) ENVS2008 The Sustainable Society (Not with EMGT2020 or SRMT1020) GEOG2080 Cities and Regions GEOG2130 Geographies of Development SOCS2400 Applied Social Research ENVS2009 Catchments & Water Supply	1 2 2 both
40 units from 3000 level Directed courses BIOL3100 Microbiology CHEM3110 Instrumental Chemical Analysis ENVS3003 Conservation Biology (Not with EMGT3030) ENVS3004 Ecotoxicology (Not with BIOL3350) ENVS3005 Animal Behaviour ENVS3008 Project Management & Placement (Not with EMGT3130) ENVS3009 Catchment Management	1 1 1 1 1 1	40 units from 3000 level Directed courses ENVS3008 Project Management & Placement (Not with EMGT3130) MARI3300 Estuarine Ecology (Available Ourimbah only) MARI3320 Ecological Methodology (Available Ourimbah only) MARI3330 Marine Fish & Fisheries (Available Ourimbah only) MARI3400 Marine Science Project (Available Ourimbah only) MARI3410 Coral Reef Biology & Ecology (Available Ourimbah only)	2 CC 1 CC 1 CC 2 CC 2 CC	40 units from 3000 level Directed courses ENVS3003 Conservation Biology (Not with EMGT3030) ENVS3006 Advanced Studies in Sustainability (Not with EMGT3070) ENVS3008 Project Management & Placement (Not with EMGT3130) ENVS3205 Climate Change and Resource Management GEOG3090 Society and Space GEOG3240 Globalisation: Cities, Economies MARI3320 Ecological Methodology (Available Ourimbah only) SRMT3040 Community Resource Mngt (Available Ourimbah only) SRMT3050 Sustainable Land Management (Available Ourimbah only) SRMT3060 Restoration Ecology (Available Ourimbah only)	2 1 2 1 (CC) 2 (CC) 1 (CC) 2 (CC)

CC = Central Coast; Both = Offered both Callaghan and Central Coast