

PROGRAM ENROLMENT CHECKLIST

Bachelor of Environmental Science and Management

DOUBLE MAJOR: *Ecosystems and Biodiversity and Sustainability Major*

For students who commenced in this program in 2011 and 2012

1000 level courses	ENVS1001 Environmental Science Concepts and Methods (10 units)  (Semester 1 at Callaghan and Ourimbah)	BIOL1002 Organisms to Ecosystems (10 units) <i>Not to count with BIOL1040 or BIOL1050</i>  (Semester 2 at Callaghan)  <b>OR</b>  BIOL1050 Introduction to Biology II (10 units) <i>Not to count with BIOL1001, BIOL1002 and/or BIOL1003</i>  (Semester 2 at Ourimbah)	ENVS1003 Environmental Values and Ethics (10 units)  (Semester 2 at Callaghan and Ourimbah)	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>  (Semester 1 and 2 at Callaghan; Semester 2 at Ourimbah)	1000 level directed course (10 units)  MATH1001 (Semester 1) <b>OR</b> MATH1110 (Semester 1 and 2 at Callaghan) <b>OR</b> PHYS1150 <i>Not to count with PHYS1200, PHYS1205 and/or PHYS1210</i> (Semester 2 at Ourimbah)	1000 level Major ONE course (10 units)  CHEM1010 (Semester 1 at Callaghan) <b>OR</b> CHEM1020 (Semester 2 at Callaghan) <b>OR</b> GEOS1040 (Semester 1 at Callaghan)	1000 level Major TWO course (10 units)  BIOL1040 (Semester 1 at Ourimbah)	CORE	CORE <b>MAJOR 1 and 2</b>	CORE	CORE	DIRECTED	MAJOR 1	MAJOR 2				
	ENVS2002 Environmental Legislation and Planning (10 units)  (Semester 1 at Callaghan and Ourimbah)	ENVS2001 Environmental Concepts: Energy (10 units)  <i>Students who completed ENVS2040 in 2011 or earlier do not need to complete ENVS2001</i>  (Semester 2 at Callaghan and Ourimbah)	GEOS2161 GIS and Remote Sensing (10 units)  (Semester 2 at Callaghan and Ourimbah)	2000 level Major ONE course (10 units)  (Semester 1 or 2)	2000 level Major ONE course (10 units)  (Semester 1 or 2)	2000 level Major TWO course (10 units)  (Semester 1 or 2)	2000 level Major TWO course (10 units)  (Semester 1 or 2)	2000 level Major ONE and Major TWO course (10 units)  ENVS2004 (Semester 2 at Callaghan and Ourimbah) <b>OR</b> ENVS2006 (Semester 1 at Callaghan and Ourimbah) <b>OR</b> ENVS2009 (Semester 2 at Callaghan)	CORE	CORE	CORE	MAJOR 1	MAJOR 1	MAJOR 2	MAJOR 2	MAJOR 1 and 2		
3000 level courses	ENVS3001 Integrated Impact Assessment (10 units)  (Semester 1 at Callaghan and Ourimbah)	ENVS3002 Applied Environmental Assessment (10 units)  (Semester 2 at Callaghan)	3000 level Major ONE course (10 units)  (Semester 1 or 2)	3000 level Major ONE course (10 units)  (Semester 1 or 2)	3000 level Major ONE course (10 units)  (Semester 1 or 2)	3000 level Major TWO course (10 units)  (Semester 1 or 2)	3000 level Major TWO course (10 units)  (Semester 1 or 2)	3000 level Major TWO course (10 units)  (Semester 1 or 2)	3000 level Major ONE and Major TWO course (10 units)  ENVS3003 (Semester 1 at Callaghan and Ourimbah) <b>OR</b> ENVS3008 (Not offered in 2012)	CORE	CORE	MAJOR 1	MAJOR 1	MAJOR 1	MAJOR 2	MAJOR 2	MAJOR 2	MAJOR 1 and 2

CHECKLIST: I think I am finished!						NOTES			
240 units in total						<input type="checkbox"/>	<p>1. It is a student's responsibility to ensure that they are correctly enrolled.</p> <p>2. To complete a Double Major, you must complete 60 <i>unique</i> units in each major including at least 20 <i>unique</i> units at 3000 level.</p> <p>3. 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.</p>		
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"/>			
<i>Ecosystems and Biodiversity Major</i>	90 unit Major, including: 20 units at 1000 Level, 30 units at 2000 Level and 40 units at 3000 Level					<input type="checkbox"/>			
<i>Sustainability Major</i>	90 unit Major, including: 20 units at 1000 Level, 30 units at 2000 Level and 40 units at 3000 Level								



**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>

<b>Bachelor of Environmental Science and Management 2011 - 2012 Program</b>			
<b>Ecosystems &amp; Biodiversity Major 90 units</b>	<b>Sem</b>	<b>Sustainability Major</b>	<b>Sem</b>
<b>20 units from 1000 level Directed courses</b>		<b>20 units from 1000 level Directed courses</b>	
<b>BIOL1002</b> Organisms to Ecosystems (Not with BIOL1050)	2	<b>BIOL1040</b> Introduction to Biology I (Not with BIOL1001)	1 (CC)
<b>BIOL1003</b> Professional Skills for Biological Sciences 1	2	<b>BIOL1050</b> Introduction to Biology II (Not with BIOL1002)	2 (CC)
<b>BIOL1040</b> Introduction to Biology I (Not with BIOL1001)	1 (CC)	<b>ENVS1004</b> Social Development & the Environment (Not with EMGT1020 or SRMT1020)	1
<b>BIOL1050</b> Introduction to Biology II (Not with BIOL1002)	2 (CC)	<b>GEOG1020</b> Introduction to Human Geography	2
<b>CHEM1010</b> Introductory Chemistry I	1		
<b>CHEM1020</b> Introductory Chemistry II	2		
<b>GEOS1040</b> Earth's Dynamic Systems	1		
<b>30 units from 2000 level Directed courses</b>		<b>30 units from 2000 level Directed courses</b>	
<b>BIOL2090</b> Microbial Biology	2	<b>ENVS2004</b> Ecology (Not with BIOL2070)	
<b>CHEM2110</b> Analytical Chemistry	2	<b>ENVS2006</b> Ecology & Management of Australian Fauna (Not with EMGT2050 or SRMT2040)	
<b>CHEM2610</b> Environmental Chemistry I	1	<b>ENVS2008</b> The Sustainable Society (Not with EMGT2020 or SRMT1020)	
<b>ENVS2004</b> Ecology (Not with BIOL2070)		<b>GEOG2080</b> Cities and Regions	1
<b>ENVS2005</b> Ecology & Management of Australian Flora (Not with EMGT2040)		<b>GEOG2130</b> Geographies of Development	2
<b>ENVS2006</b> Ecology & Management of Australian Fauna (Not with EMGT2050 or SRMT2040)		<b>SOCS2400</b> Applied Social Research	2 both
<b>ENVS2009</b> Catchments & Water Supply		<b>ENVS2009</b> Catchments & Water Supply	
<b>40 units from 3000 level Directed courses</b>		<b>40 units from 3000 level Directed courses</b>	
<b>BIOL3100</b> Microbiology	1	<b>ENVS3003</b> Conservation Biology (Not with EMGT3030)	
<b>CHEM3110</b> Instrumental Chemical Analysis	1	<b>ENVS3006</b> Advanced Studies in Sustainability (Not with EMGT3070)	
<b>ENVS3003</b> Conservation Biology (Not with EMGT3030)		<b>ENVS3008</b> Project Management & Placement (Not with EMGT3130)	
<b>ENVS3004</b> Ecotoxicology (Not with BIOL3350)	1	<b>ENVS3205</b> Climate Change and Resource Management	2
<b>ENVS3005</b> Animal Behaviour		<b>GEOG3090</b> Society and Space	1
<b>ENVS3008</b> Project Management & Placement (Not with EMGT3130)		<b>GEOG3240</b> Globalisation: Cities, Economies	2
<b>ENVS3009</b> Catchment Management		<b>MARI3320</b> Ecological Methodology (Available Ourimbah only)	1 (CC)
		<b>SRMT3040</b> Community Resource Management (Available Ourimbah only)	2 (CC)
		<b>SRMT3050</b> Sustainable Land Management (Available Ourimbah only)	1 (CC)
		<b>SRMT3060</b> Restoration Ecology (Available Ourimbah only)	2 (CC)

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