

**BACHELOR OF NATURAL RESOURCES/  
BACHELOR OF ENGINEERING (N'castle) - 2007**  
*(NB: The plans presented below are designed for full-time candidates)*

**Credit Points Required = 138 from UNE and all units prescribed by the University of Newcastle in one of the course work program listed below**

**Practical Experience Requirement = 12 weeks**

**In the first instance, you should contact the Faculty Office [email: [ppurvis@une.edu.au](mailto:ppurvis@une.edu.au) or telephone: 02 6773 3106] in relation to any questions about your planned program of study**

**With the approval of the Faculty, other units offered by the University may be substituted for one or more of the approved units listed below.**

**Before planning your unit choices please refer to the Schedule of Units.**

### Engineering (Environmental)

Year	Semester	Unit
<b>First (at UNE)</b>	1	BIOL110 Biology I CHEM110 General Chemistry I MATH101 Algebra and Differential Calculus RSNR110 Agriculture, Natural Resources and the Environment
		2
	1	AMTH247 Scientific Computing II (not offered 2007) BOTY211 Plant Taxonomy ECOL210 Principles of Ecology ENVE352 Principles of Hydrology
		2
<b>Third (at N'cstle)</b>	1	GEOL110 Geology and the Environment I (by distance education from UNE) <i>plus units as prescribed by Newcastle</i>
	2	ENVE421 Water and Catchment Management (by distance education from UNE) <i>plus units as prescribed by Newcastle</i>
<b>Four (at N'cstle)</b>	1	EM312 Impact Assessment in Natural Resources Management (by distance education from UNE) NR411 Resource Policy and the Community (by distance education from UNE) <i>plus units as prescribed by Newcastle</i>
	2	<i>units as prescribed by Newcastle</i>
<b>Five (at N'cstle)</b>	1	RSNR421 Sustainable Agriculture and Catchment Management <i>plus unit prescribed by Newcastle</i>
	2	<i>units prescribed by Newcastle</i>
	1 and 2	NRE405 Natural Resources/Engineering Project Report (by distance education from UNE) One elective unit chosen from units offered for the BNatRes (selected from Groups 3b or 4b by distance education from UNE) <i>or</i> One elective unit chosen from units offered at Newcastle

### Engineering (Civil)

Year	Semester	Unit
<b>First (at UNE)</b>	1	BIOL110 Biology I CHEM110 General Chemistry I MATH101 Algebra and Differential Calculus RSNR110 Agriculture, Natural Resources and the Environment
	2	BIOL120 Biology II BIOP112 Biophysics II MATH102 Integral Calculus, Differential Equations and Introductory Statistics RSNR120 Sustainable Resource Use and Environmental Management
<b>Second (at UNE)</b>	1	AMTH247 Scientific Computing II (not offered 2007) BOTY211 Plant Taxonomy ECOL210 Principles of Ecology ENVE352 Principles of Hydrology
	2	ECOL220 Australasian Terrestrial Ecology EM311 Land Assessment for Sustainable Use ENVE481 Special Topic in Environmental Engineering (Structural Mechanics) SOIL220 Introduction to Soil Science
<b>Third (at N'cstle)</b>	1 and 2	<i>units as prescribed by Newcastle</i>
<b>Four (at N'cstle)</b>	1 and 2	One elective unit chosen from units offered for the BNatRes (selected from Groups 3b or 4b by distance education from UNE) <i>plus units as prescribed by Newcastle</i>
<b>Five (at N'cstle)</b>	1	EM312 Impact Assessment in Natural Resources Management (by distance education from UNE) <i>plus units prescribed by Newcastle</i>
	2	ENVE421 Water and Catchment Management (by distance education from UNE) <i>plus units prescribed by Newcastle</i>
	1 and 2	NRE405 Natural Resources/Engineering Project Report (by distance education from UNE)
<b>Six (at UNE)</b>	1	NR411 Resource Policy and the Community RSNR421 Sustainable Agriculture and Catchment Management ENVE 361 Systems Analysis <i>or</i> One elective unit chosen from units offered for the BNatRes selected from Groups 3b or 4b