

## BACHELOR OF RURAL SCIENCE - 2007

*(NB: The plan presented below is designed for full-time candidates)*

Credit Points Required = 192 comprising all units from Groups 1, 2, 3 and 4a with not more than two units from Group 4c.

Practical Experience Requirement = 24 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 .

### Approved Units:

*Group 1:* BIOL 110, 120; CHEM 110, 120; MATH 110; RSNR 110, 120; STAT 100.

*Group 2:* AGRO 211, 223; ANPR 211; BCHM 210, 240; BIOP 112; GENE 210; SOIL 220.

*Group 3:* AGRO 311 or SOIL 310; AGRO 321; ANPR 321; ANUT 221 or AGEX 310; ECON 223; GENE 351; PSIO 210; STAT 200.

*Group 4a:* AGRO 311 or SOIL 310; AGSY 410; ANUT 221 or AGEX 310; ENVE 335; RUSC490 or two units from Groups 4b and 4c.

*Group 4b:* AGRO 422; ANPR 415, 417, 440; COTT 300; ECON 225, 326; GENE 422; HORT 420; MEAT 418; PLTY 300, 301; PSIO 324, 325, 410; SOIL 411, 431; STAT 300; WOOL 412, 422.

*Group 4c:* BCHM 310, 320, 330; BOTY 370; EM 311, 452; ENVE 434; GENE 322, 335; MICR 350, 360; PSIO 321, 322, 323.

Year	Semester	Unit
<b>First (Core Units)</b>	1	BIOL110 Biology I
		CHEM110 General Chemistry I
		MATH110 Introductory Mathematical Methods
		RSNR110 Agriculture, Natural Resources and the Environment
	2	BIOL120 Biology II
		CHEM120 General Chemistry II
		RSNR120 Sustainable Resource Use and Environmental Management
		STAT100 Statistical Modelling in the Sciences I
<b>Second (Core Units)</b>	1	AGRO211 Ecology and Adaptation of Agricultural Plants
		ANPR211 Animal Production Systems and Products
		BCHM210 Introductory Molecular Biology and Biochemistry I
		GENE210 Introductory Genetics
	2	AGRO223 Agricultural Ecology and Crop Physiology
		BCHM240 Biochemistry and Microbiology for Rural Science
		BIOP112 Biophysics II
		SOIL220 Introduction to Soil Science
<b>Third (Core Units)</b>	1	AGRO311 Plant Protection <i>or</i>
		SOIL310 Environmental Soil Science
		ECON223 Farm and Resource Management
		PSIO210 Introductory Physiology II
	2	STAT200 Statistical Modelling in the Sciences II
		AGEX310 Agricultural and Natural Resource Extension <i>or</i>
		ANUT221 Animal Metabolism, Digestion and Nutrition
		AGRO321 Crop and Pasture Management for Sustainable Agriculture
<b>Four (Core Units)</b>	1	ANPR321 Animal Function, Health and Welfare
		GENE351 Applied Animal and Plant Breeding
		AGRO311 Plant Protection <i>or</i>
		SOIL310 Environmental Soil Science
	2	ENVE335 Agricultural Engineering
		AGEX310 Agricultural and Natural Resource Extension <i>or</i>
		ANUT221 Animal Metabolism, Digestion and Nutrition
		AGSY410 Problem Solving in Farm Systems
<b>Four (Electives)</b>	1 and 2	RUSC490 Rural Science/Livestock Science Honours <i>or</i> two units from Groups 4b and 4c

		<i>plus two units from Groups 4b and 4c</i>
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