

Bold = Core Courses	Plain = Extended Major	N/A = Not available externally
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THREE-YEAR DEGREE PROGRAMS

Bachelor of Applied Science – EXTENDED MAJORS

QTAC Code for all: 703031 or 703036 (St Lucia) or 780169 or 780166 (Gatton) Program Code: 2240

Equine Science Extended Major

Academic Advisor: Dr Mark Hohenhaus, Email: m.hohenhaus@uq.edu.au

Program Requirements: • 30 days Industry Practice work experience

^C If student does not have Senior Chemistry or Mathematics B

2008 FIRST SEMESTER			2008 SECOND SEMESTER		
Code	#	Title	Code	#	Title
AGRC1015	2	Knowledge Management in Natural & Agrifood Systems	AGRC1014	2	Plant Utilisation in Agriculture & Natural Environments (R)
AGRC1018	2	Introductory Biology (R)	AGRC1019	2	Plant & Animal Biology (R)
2009 FIRST SEMESTER			2009 SECOND SEMESTER		
AGRC1010	2	Systems Thinking & Practice for Environmental & Agrifood Industries (R)	ANIM1003	2	Animal Structure & Function (R)
CHEM1002 ^C OR ANIM1014	2	Agricultural & Environmental Chemistry I ^C OR Animal Welfare, Behaviour & Handling (R)	CHEM1003	2	Agricultural & Environmental Chemistry II (R)
2010 FIRST SEMESTER			2010 SECOND SEMESTER		
ANIM1014 ^C OR ANIM1006	2	Animal Welfare, Behaviour & Handling (R) ^C OR Equine Husbandry & Equitation I	AGRC1017 ^C OR Elective	2	Agricultural Mathematics (R) ^C OR Elective (from BAppSci course list)
ANIM2011	2	Animal Physiology (R)	MGTS1960	2	Business Management
2011 FIRST SEMESTER			2011 SECOND SEMESTER		
AGRC2001	2	Agricultural Biochemistry (R)	STAT2701	2	Biometrics I (R)
ANIM1006 ^C OR Elective	2	Equine Husbandry & Equitation I ^C OR Elective (from BAppSci course list)	ANIM3040	2	Animal Nutrition (R)
2012 FIRST SEMESTER			2012 SECOND SEMESTER		
ANIM2002	2	Animal Breeding & Genetics (R)	ANIM3006	2	Animal Health & Epidemiology (R)
ANIM3019	2	Animal Reproduction (R)	ANIM2039	2	Equine Stud Management (R)
2013 FIRST SEMESTER			2013 SECOND SEMESTER		
ANIM3039	2	Equine Exercise & Rehabilitation (R-TBA) (Y:2009)	ANIM3030	2	Equine Nutrition & Health (R-TBA) (Y:2008)
	2	Elective (from BAppSci course list)		2	Elective (from BAppSci course list)

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Parks and Wildlife Management Extended Major

Academic Advisor: Dr Manda Page, Email: m.page@uq.edu.au

Program Requirements: • 30 days Industry Practice work experience

^C If student does not have Mathematics B

2008 FIRST SEMESTER			2008 SECOND SEMESTER		
Code	#	Title	Code	#	Title
AGRC1015	2	Knowledge Management in Natural & Agrifood Systems	AGRC1014	2	Plant Utilization in Agriculture & Natural Environments (R)
AGRC1018	2	Introductory Biology (R)	AGRC1019	2	Plant & Animal Biology (R)
2009 FIRST SEMESTER			2009 SECOND SEMESTER		
AGRC1010	2	Systems Thinking & Practice for Environmental & Agrifood Industries (R)	GEOM1960	2	Introduction to Remote Sensing & GIS (R Vol)
AGRC2019	2	Ecology of Natural & Agricultural Systems (R)	LAND2001	2	Land Resources & Landscape Processes (R-TBA)
2010 FIRST SEMESTER			2010 SECOND SEMESTER		
ANIM1014	2	Animal Welfare, Behaviour & Handling (R)	ENVM2504	2	Regulatory Frameworks in Environmental Management (R-Vol)
ENVM2519	2	National Park Management	ENVM2512	2	Fire Management (R)
2011 FIRST SEMESTER			2011 SECOND SEMESTER		
LPWM2003	2	Principles of Wildlife Management	AGRC2014	2	Problem Solving in Natural & Agrifood Systems (R)
LPWM2008	2	Cultural Heritage Management	AGRC1017 ^C OR Elective	2 2	Agricultural Mathematics (R) ^C OR Elective (from BAppSci course list)
2012 FIRST SEMESTER			2012 SECOND SEMESTER		
ENVM3508	2	Public Sector Management & Conservation Planning	STAT2701	2	Biometrics I (R)
	2	Elective (from BAppSci course list)		2	Elective (from BAppSci course list)
2013 FIRST SEMESTER			2013 SECOND SEMESTER		
ENVM3519	2	Visitors in Sensitive Environments	ANIM3018	2	Wildlife Technologies
	2	Elective (from BAppSci course list)	ENVM3517	2	Contemporary Protected Area Management

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Plants Extended Major

Academic Advisor: Dr Doug George, Email: d.george@uq.edu.au

Program Requirements: • 30 days Industry Practice work experience

^C If student does not have Senior Chemistry or Mathematics B

2008 FIRST SEMESTER			2008 SECOND SEMESTER		
Code	#	Title	Code	#	Title
AGRC1015	2	Knowledge Management in Natural & Agrifood Systems	AGRC1014	2	Plant Utilisation in Agriculture & Natural Environments (R)
AGRC1018	2	Introductory Biology (R)	AGRC1019	2	Plant & Animal Biology (R)
2009 FIRST SEMESTER			2009 SECOND SEMESTER		
AGRC1010	2	Systems Thinking & Practice for Environmental & Agrifood Industries (R)	CHEM1003	2	Agricultural & Environmental Chemistry II (R)
CHEM1002 ^C OR Elective	2	Agricultural & Environmental Chemistry I (R) ^C OR Elective (from BAppSci course list)	AGRC1017 ^C OR Elective	2	Agricultural Mathematics (R) ^C OR Elective (from BAppSci course list)
2010 FIRST SEMESTER			2010 SECOND SEMESTER		
ANIM1014	2	Animal Welfare, Behaviour & Handling (R)	AGRC2013 OR GNET2001	2	Agricultural Microbiology & Gene Technology (R) OR Agricultural Genetics & Biotechnology
LAND2003	2	The Soil Environment	MGTS1960	2	Business Management
2011 FIRST SEMESTER			2011 SECOND SEMESTER		
AGRC2009	2	Plant Production Technology	AGRC2020	2	Agronomy (R)
HORT2007	2	Horticultural Science (R)	PLNT2002	2	Plant Physiology (R)
2012 FIRST SEMESTER			2012 SECOND SEMESTER		
LAND3005	2	Soil-Plant Relationships (Y:TBA)	PLNT2011	2	Plant & Environmental Health (R)
LAND3007	2	Land Use & Management (R)	STAT2701	2	Biometrics I (R)
2013 FIRST SEMESTER			2013 SECOND SEMESTER		
	4	Electives (from BAppSci course list) Recommended: AGRC3020 Industrial Placement #4	AGRC3002 AGRC3006 HORT3008 HORT3003	2 2 2 2	Select #4 (2 courses) from: Crop Production Science (R) Pasture Science Lifestyle Horticulture (R) Production Horticulture (R)

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Production Animal Science Extended Major

Academic Advisor: Dr John Gaughan, Email: j.gaughan@uq.edu.au

Program Requirements: • 30 days Industry Practice work experience

^C If student does not have Senior Chemistry or Mathematics B

2008 FIRST SEMESTER			2008 SECOND SEMESTER		
Code	#	Title	Code	#	Title
AGRC1015	2	Knowledge Management in Natural & Agrifood Systems	AGRC1014	2	Plant Utilisation in Agriculture & Natural Environments
AGRC1018	2	Introductory Biology (R)	AGRC1019	2	Plant & Animal Biology (R)
2009 FIRST SEMESTER			2009 SECOND SEMESTER		
AGRC1010	2	Systems Thinking & Practice for Environmental & Agrifood Industries (R)	ANIM1003	2	Animal Structure & Function (R)
CHEM1002 ^C OR ANIM1014	2	Agricultural & Environmental Chemistry I (R) ^C OR ANIM1014 Animal Welfare, Behaviour & Handling (R)	CHEM1003	2	Agricultural & Environmental Chemistry II (R)
2010 FIRST SEMESTER			2010 SECOND SEMESTER		
ANIM2011	2	Animal Physiology (R)	MGTS1960	2	Business Management
ANIM1014 ^C OR Elective	2	Animal Welfare, Behaviour & Handling (R) ^C OR Elective (from BAppSci course list)	AGRC1017 ^C OR Elective	2	Agricultural Mathematics (R) ^C OR Elective (from BAppSci course list)
2011 FIRST SEMESTER			2011 SECOND SEMESTER		
AGRC2001	2	Agricultural Biochemistry (R)	ANIM3040	2	Animal Nutrition (R)
ANIM2002	2	Animal Breeding & Genetics (R)	STAT2701	2	Biometrics I (R)
2012 FIRST SEMESTER			2012 SECOND SEMESTER		
ANIM3019	2	Animal Reproduction (R)	ANIM2021	2	Animal Biometeorology (R-TBA)
	2	Elective (from BAppSci course list)	ANIM3006	2	Animal Health & Epidemiology
2013 FIRST SEMESTER			2013 SECOND SEMESTER		
ANIM3013	2	Intensive Animal Production (R)	ANIM3011	2	Animal Production & Product Quality
	2	Elective (from BAppSci course list)	ANIM3012	2	Extensive Animal Production (R)

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Some courses may have Residential School requirements.

Veterinary Technology Extended Major

Academic Advisor: Mr Andrew Tribe, Email: a.tribe@uq.edu.au
 Program Requirements: • 30 days Industry Practice work experience

^C If student does not have Senior Chemistry or Mathematics B

2008 FIRST SEMESTER			2008 SECOND SEMESTER		
Code	#	Title	Code	#	Title
AGRC1015	2	Knowledge Management in Natural & Agrifood Systems	AGRC1014	2	Plant Utilisation in Agriculture & Natural Environments (R)
AGRC1018	2	Introductory Biology (R)	AGRC1019	2	Plant & Animal Biology (R)
2009 FIRST SEMESTER			2009 SECOND SEMESTER		
AGRC1010	2	Systems Thinking & Practice for Environmental & Agrifood Industries (R)	ANIM1003	2	Animal Structure & Function (R)
CHEM1002 ^C OR Elective	2 2	Agricultural & Environmental Chemistry I (R) ^C OR Elective (from BAppSci course list)	CHEM1003	2	Agricultural & Environmental Chemistry II (R)
2010 FIRST SEMESTER			2010 SECOND SEMESTER		
ANIM1014	2	Animal Welfare, Behaviour & Handling (R)	ANIM3006	2	Animal Health & Epidemiology (R)
ANIM2011	2	Animal Physiology (R)	AGRC1017 ^C OR Elective	2 2	Agricultural Mathematics (R) ^C OR Elective (from BAppSci course list)
2011 FIRST SEMESTER			2011 SECOND SEMESTER		
AGRC2001	2	Agricultural Biochemistry (R)	ANIM3040	2	Animal Nutrition (R)
ANIM2002	2	Animal Breeding & Genetics (R)	STAT2701	2	Biometrics I (R)
2012 FIRST SEMESTER			2012 SECOND SEMESTER		
VETS3009	2	Small Animal Health *	VETS3018	2	Large Animal Health & Management *
VETS3017	2	Animal Therapeutics *	VETS3019	4	Practice Skills & Diagnostics *
VETS3020	2	Surgical Principles & Practice *		2	Elective (from BAppSci course list)
	2	Elective (from BAppSci course list)			

* These courses can only be undertaken in the Internal mode.

From 2008 the final year of the Veterinary Technology Extended Major may be located at the Gatton Campus and must be studied on a full-time internal basis.

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Wildlife Science Extended Major

Academic Advisor: Dr Peter Murray, Email: peter.murray@uq.edu.au

Program Requirements: • 30 days Industry Practice work experience

^C If student does not have Senior Chemistry or Mathematics B

2008 FIRST SEMESTER			2008 SECOND SEMESTER		
Code	#	Title	Code	#	Title
AGRC1015	2	Knowledge Management in Natural & Agrifood Systems	AGRC1014	2	Plant Utilisation in Agriculture & Natural Environments (R)
AGRC1018	2	Introductory Biology (R)	AGRC1019	2	Plant & Animal Biology (R)
2009 FIRST SEMESTER			2009 SECOND SEMESTER		
AGRC1010	2	Systems Thinking & Practice for Environmental & Agrifood Industries (R)	ANIM1003	2	Animal Structure & Function (R)
CHEM1002 ^C OR ANIM1014	2	Agricultural & Environmental Chemistry I (R) ^C OR Animal Welfare, Behaviour & Handling (R)	CHEM1003	2	Agricultural & Environmental Chemistry II (R)
2010 FIRST SEMESTER			2010 SECOND SEMESTER		
ANIM2011	2	Animal Physiology (R)	ANIM3006	2	Animal Health & Epidemiology (R)
ANIM1014 ^C OR ANIM2005	2	Animal Welfare, Behaviour & Handling (R) ^C OR Australian Terrestrial Vertebrates (R)	AGRC1017 ^C OR Elective	2	Agricultural Mathematics (R) ^C OR Elective (from BAppSci course list)
2011 FIRST SEMESTER			2011 SECOND SEMESTER		
AGRC2001	2	Agricultural Biochemistry (R)	ANIM3040	2	Animal Nutrition (R)
ANIM2005 ^C OR Elective	2	ANIM2005 Australian Terrestrial Vertebrates (R) ^C OR Elective (from BAppSci course list)	STAT2701	2	Biometrics I (R)
2012 FIRST SEMESTER			2012 SECOND SEMESTER		
AGRC2019	2	Ecology of Natural & Agricultural Systems (R)	ANIM3016	2	Captive Wildlife Husbandry
ANIM2002	2	Animal Breeding & Genetics (R)	ANIM3018	2	Wildlife Technologies
2013 FIRST SEMESTER			2013 SECOND SEMESTER		
ANIM3019	2	Animal Reproduction (R)		2	Elective (from BAppSci course list)
LPWM2003	2	Principles of Wildlife Management		2	Elective (from BAppSci course list)