

The following are suggested Major combinations only. Further combinations are available – please check with your Academic Advisor.

R = Residential School	Y = First year available externally	Vol = Voluntary	TBA = To be advised
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To choose an elective, students should consult the full program lists on the web at <http://www.uq.edu.au/study/>
Some courses may have Residential School requirements.

Bachelor of Applied Science – External – Single Major combinations

QTAC Code: 780169 (Gatton) Program Code: 2240

Animal & Plant Biosecurity Major / Animal Science Major

Academic Advisor: Dr Victor Galea, Email: v.galea@uq.edu.au and
Dr Mark Hohenhaus, Email: m.hohenhaus@uq.edu.au / Dr John Gaughan, Email: j.gaughan@uq.edu.au
Program Requirements: • 30 days Industry Practice work experience

^C If student does not have Year 12 Chemistry and / or Mathematics B

NOTE: Please select the external offering of your courses when enrolling

2009 FIRST SEMESTER			2009 SECOND SEMESTER		
Code	#	Title	Code	#	Title
AGRC1015	2	Knowledge Management in Natural & Agrifood Systems (R)	AGRC1014	2	Plant Utilisation in Natural & Agricultural Environments
AGRC1018	2	Introductory Biology (R)	AGRC1019	2	Plant & Animal Biology (R)
2010 FIRST SEMESTER			2010 SECOND SEMESTER		
ANIM1003	2	Animal Structure & Function (R)	ANIM2011	2	Animal Physiology (R)
CHEM1002 ^C	2	Agricultural & Environmental Chemistry I (R) ^C	CHEM1003	2	Agricultural & Environmental Chemistry II (R)
	2	OR Elective (from BAppSci course list)			
2011 FIRST SEMESTER			2011 SECOND SEMESTER		
AGRC1010	2	Systems Thinking & Practice for Environmental & Agrifood Industries (R)	ANIM3040	2	Animal Nutrition (R)
ANIM1014	2	Animal Welfare, Behaviour & Handling (R)	PLNT2011	2	Plant & Environmental Health (R)
2012 FIRST SEMESTER			2012 SECOND SEMESTER		
ANIM2002	2	Animal Breeding & Genetics (R)	AGRC2013	2	Agricultural Microbiology & Gene Technology (R)
	2	Elective (from BAppSci course list)	AGRC1017 ^C	2	Agricultural Mathematics ^C
				2	OR Elective (from BAppSci course list)
2013 FIRST SEMESTER			2013 SECOND SEMESTER		
ANIM3019	2	Animal Reproduction (R)	ANIM3006	2	Animal Health & Epidemiology (R)
	2	Elective (from Animal & Plant Biosecurity Major elective list)	STAT2701	2	Biometrics I (R)
2014 FIRST SEMESTER			2014 SECOND SEMESTER		
	2	Elective (from BAppSci course list)	ANIM2040	2	Animal Biosecurity (R)
	2	Elective (from BAppSci course list)	PLNT3009	2	Plant Protection (R)

Animal & Plant Biosecurity Major electives (at least #2 (1 course) to be selected from the following):

FIRST SEMESTER			SECOND SEMESTER		
MGTS2961	2	Group Dynamics, Negotiation & Adult Learning	ANIM3011	2	Animal Production & Product Quality (R)
			PLNT3012	2	Weed Science

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Animal & Plant Biosecurity Major / Plants Major

Academic Advisor: Dr Mark Hohenhaus, Email: m.hohenhaus@uq.edu.au / Dr Doug George, Email: d.george@uq.edu.au
Program Requirements: • 30 days Industry Practice work experience

^C If student does not have Year 12 Chemistry and / or Mathematics B

NOTE: Please select the external offering of your courses when enrolling

2009 FIRST SEMESTER			2009 SECOND SEMESTER		
Code	#	Title	Code	#	Title
AGRC1015	2	Knowledge Management in Natural & Agrifood Systems (R)	AGRC1014	2	Plant Utilisation in Natural & Agricultural Environments
AGRC1018	2	Introductory Biology (R)	AGRC1019	2	Plant & Animal Biology (R)
2010 FIRST SEMESTER			2010 SECOND SEMESTER		
AGRC1010	2	Systems Thinking & Practice for Environmental & Agrifood Industries (R)	CHEM1003	2	Agricultural & Environmental Chemistry II (R)
CHEM1002 ^C	2	Agricultural & Environmental Chemistry I (R) ^C OR 2 Elective (from BAppSci course list)	AGRC1017 ^C	2	Agricultural Mathematics ^C OR 2 Elective (from BAppSci course list)
2011 FIRST SEMESTER			2011 SECOND SEMESTER		
ANIM1014	2	Animal Welfare, Behaviour & Handling (R)	AGRC2013	2	Agricultural Microbiology & Gene Technology (R)
	2	Elective (from Plants major elective list)	PLNT2011	2	Plant & Environmental Health (R)
2012 FIRST SEMESTER			2012 SECOND SEMESTER		
	2	Elective (from Plants major elective list)	ANIM3006	2	Animal Health & Epidemiology (R)
	2	Elective (from BAppSci course list)	STAT2701	2	Biometrics I (R)
2013 FIRST SEMESTER			2013 SECOND SEMESTER		
	4	Electives (from BAppSci course list) <i>Recommended: AGRC3020 Industrial Placement #4</i>		2	Elective (from Plants major elective list)
			AGRC3002	2	Crop Production Science (R)
			OR		OR
			AGRC3006	2	Pasture Science
			OR		OR
			HORT2007	2	Horticultural Science (R) – only offered in semester one
2014 FIRST SEMESTER			2014 SECOND SEMESTER		
	2	Elective (from Plants Major elective list)	ANIM2040	2	Animal Biosecurity (R)
	2	Elective (from Animal & Plant Biosecurity Major elective list)	PLNT3009	2	Plant Protection (R)

Animal & Plant Biosecurity Major electives (at least #2 (1 course) to be selected from the following):

FIRST SEMESTER			SECOND SEMESTER		
MGTS3961	2	Group Dynamics, Negotiation & Adult Learning	ANIM3011	2	Animal Production & Product Quality (R)
			PLNT3012	2	Weed Science

Plants Major electives (at least #8 (4 courses) to be selected from the following):

FIRST SEMESTER			SECOND SEMESTER		
LAND2003	2	The Soil Environment	AGRC2020	2	Agronomy (R)
LAND3005	2	Soil Plant Relationships (R-TBA)	HORT3003	2	Production Horticulture
LAND3007	2	Land Use & Management (R)	HORT3008	2	Lifestyle Horticulture (R)

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Some courses may have Residential School requirements.

Animal Science Major / Regional & Rural Business Management Major

Academic Advisor: Dr Mark Hohenhaus Email: m.hohenhaus@uq.edu.au / Mr Steve Beasley Email: sbeasley@uqg.uq.edu.au
Program Requirements: • 30 days Industry Practice work experience

^C If student does not have Year 12 Chemistry and / or Mathematics B

NOTE: Please select the external offering of your courses when enrolling

2009 FIRST SEMESTER			2009 SECOND SEMESTER		
Code	#	Title	Code	#	Title
AGRC1015	2	Knowledge Management in Natural & Agrifood Systems(R)	AGRC1019	2	Plant & Animal Biology (R)
AGRC1018	2	Introductory Biology (R)	MGTS1960	2	Business Management I
2010 FIRST SEMESTER			2010 SECOND SEMESTER		
ANIM1003	2	Animal Structure & Function (R)	ANIM2011	2	Animal Physiology (R)
CHEM1002 ^C	2	Agricultural & Environmental Chemistry I (R) ^C	CHEM1003	2	Agricultural & Environmental Chemistry II (R)
	2	OR Elective (from BAppSci course list)			
2011 FIRST SEMESTER			2011 SECOND SEMESTER		
AGRC1010	2	Systems Thinking & Practice for Environmental & Agrifood Industries (R)	AGRC1014	2	Plant Utilisation in Natural & Agricultural Environments
ANIM1014	2	Animal Welfare, Behaviour & Handling (R)	AGRC1017 ^C	2	Agricultural Mathematics ^C
				2	OR Elective (from BAppSci course list)
2012 FIRST SEMESTER			2012 SECOND SEMESTER		
ANIM2002	2	Animal Breeding & Genetics (R)	ENVM1512	2	Ecological Economics
MKTG1502	2	Agriculture & Food Industry Marketing	FINM3960	2	Investment Project Appraisal
2013 FIRST SEMESTER			2013 SECOND SEMESTER		
ANIM3019	2	Animal Reproduction (R)	ANIM3006	2	Animal Health & Epidemiology (R)
	2	Elective (from BAppSci course list)	ANIM3040	2	Animal Nutrition (R)
2014 FIRST SEMESTER			2014 SECOND SEMESTER		
AGRC3025	2	Decision Support Systems for Natural & Agrifood Systems	STAT2701	2	Biometrics I (R)
OR		OR			
AGRC3026	2	Comparative International Farm Systems Case Studies			
ENVM3526	2	Systems Thinking Systems Dynamics (for a Complex World) (Remote)		2	Elective (from BAppSci course list)

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Animal Science Major / Wildlife Management Major

Academic Advisor: Dr Mark Hohenhaus, Email: m.hohenhaus@uq.edu.au / Dr Greg Baxter, Email: g.baxter@uq.edu.au
Program Requirements: • 30 days Industry Practice work experience

^C If student does not have Year 12 Chemistry and / or Mathematics B

NOTE: Please select the external offering of your courses when enrolling

2009 FIRST SEMESTER			200 SECOND SEMESTER		
Code	#	Title	Code	#	Title
AGRC1015	2	Knowledge Management in Natural & Agrifood Systems (R)	AGRC1014	2	Plant Utilisation in Natural & Agricultural Environments
AGRC1018	2	Introductory Biology (R)	AGRC1019	2	Plant & Animal Biology (R)
2010 FIRST SEMESTER			2010 SECOND SEMESTER		
ANIM1003	2	Animal Structure & Function (R)	ANIM2011	2	Animal Physiology (R)
CHEM1002 ^C	2	Agricultural & Environmental Chemistry I (R) ^C	CHEM1003	2	Agricultural & Environmental Chemistry II (R)
	2	OR Elective (from BAppSci course list)			
2011 FIRST SEMESTER			2011 SECOND SEMESTER		
AGRC1010	2	Systems Thinking & Practice for Environmental & Agrifood Industries (R)	ENVM2504	2	Regulatory Frameworks in Environmental Management (R-Vol)
ANIM1014	2	Animal Welfare, Behaviour & Handling (R)	AGRC1017 ^C	2	Agricultural Mathematics ^C
				2	OR Elective (from BAppSci course list)
2012 FIRST SEMESTER			2012 SECOND SEMESTER		
AGRC2019	2	Ecology of Natural & Agricultural Systems (R)	ANIM3040	2	Animal Nutrition (R)
LPWM2003	2	Principles of Wildlife Management	ENVM3506	2	International & National Conservation Policy
2013 FIRST SEMESTER			2013 SECOND SEMESTER		
ANIM2002	2	Animal Breeding & Genetics (R)	ANIM3006	2	Animal Health & Epidemiology (R)
	2	Elective (from BAppSci course list)	STAT2701	2	Biometrics I (R)
2014 FIRST SEMESTER			2014 SECOND SEMESTER		
ANIM3019	2	Animal Reproduction (R)	ANIM3018	2	Wildlife Technologies
	2	Elective (from Wildlife Management Major elective list)	LPWM3002	2	Sustainable Wildlife Use & Conservation

Wildlife Management Major electives (at least #2 (1 course) to be selected from following):

FIRST SEMESTER			SECOND SEMESTER		
ANIM2005	2	Australian Terrestrial Vertebrates (R)	AGRC2015	2	Short International Experience ¹
			OR		OR
			LPWM2007	2	Environmental Management Field Studies (R)

¹ Participating in AGRC2015 will require attendance at Gatton campus at pre and post tour meetings. These may involve 4 meetings of one hour's duration, which will normally be held after 5.00pm. For further information, contact Dr Peter Murray, Email: peter.murray@uq.edu.au

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Some courses may have Residential School requirements.

Conservation Management Major / Wildlife Management Major

Academic Advisor: Dr Greg Baxter, Email: g.baxter@uq.edu.au

Program Requirements: • 30 days Industry Practice work experience

^C If student does not have Year 12 Mathematics B

NOTE: Please select the external offering of your courses when enrolling

2009 FIRST SEMESTER			2009 SECOND SEMESTER		
Code	#	Title	Code	#	Title
AGRC1015	2	Knowledge Management in Natural & Agrifood Systems (R)	AGRC1014	2	Plant Utilisation in Natural & Agricultural Environments
AGRC1018	2	Introductory Biology (R)	AGRC1019	2	Plant & Animal Biology (R)
2010 FIRST SEMESTER			2010 SECOND SEMESTER		
AGRC1010	2	Systems Thinking & Practice for Environmental & Agrifood Industries (R)	AGRC1017 ^C	2	Agricultural Mathematics ^C OR 2 Elective (from BAppSci course list)
ANIM1014	2	Animal Welfare, Behaviour & Handling (R)	ENVM2504	2	Regulatory Frameworks in Environmental Management (R-Vol)
2011 FIRST SEMESTER			2011 SECOND SEMESTER		
AGRC2019	2	Ecology of Natural & Agrifood Systems (R)	AGRC2014	2	Problem Solving in Natural & Agrifood Systems (R)
	2	Elective (from BAppSci course list)	ENVM2512	2	Fire Management (R)
2012 FIRST SEMESTER			2012 SECOND SEMESTER		
LPWM2003	2	Principles of Wildlife Management	ANIM3018	2	Wildlife Technologies
	2	Elective (from the Wildlife Management elective course list)	STAT2701	2	Biometrics I (R)
2013 FIRST SEMESTER			2013 SECOND SEMESTER		
LAND3013	2	Integrated Landscape Management (R)	ENVM3506	2	International & National Conservation Policy
	2	Elective (from BAppSci course list)	ENVM3517	2	Contemporary Protected Area Management
2014 FIRST SEMESTER			2014 SECOND SEMESTER		
	2	Elective (from BAppSci course list)	LPWM3002	2	Sustainable Wildlife Use & Conservation
	2	Elective (from BAppSci course list)		2	Elective (from BAppSci course list)

Wildlife Management Major electives (at least #2 (1 course) to be selected from following):

FIRST SEMESTER			SECOND SEMESTER		
ANIM2005	2	Australian Terrestrial Vertebrates (R)	AGRC2015	2	Short International Experience ¹ OR
			LPWM2007	2	Environmental Management Field Studies (R)

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Plants Major / Regional and Rural Business Management Major

Academic Advisor: Dr Doug George, Email: d.george@uq.edu.au/ Mr Steve Beasley, Email: sbeasley@uqg.uq.edu.au
Program Requirements: • 30 days Industry Practice work experience

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NOTE: Please select the external offering of your courses when enrolling

2009 FIRST SEMESTER			2009 SECOND SEMESTER		
Code	#	Title	Code	#	Title
AGRC1015	2	Knowledge Management in Natural & Agrifood Systems (R)	AGRC1014	2	Plant Utilisation in Natural & Agricultural Environments
AGRC1018	2	Introductory Biology (R)	AGRC1019	2	Plant & Animal Biology (R)
2010 FIRST SEMESTER			2010 SECOND SEMESTER		
AGRC1010	2	Systems Thinking & Practice for Environmental & Agrifood Industries (R)	CHEM1003	2	Agricultural & Environmental Chemistry II (R)
CHEM1002 ^C OR ANIM1014	2	Agricultural & Environmental Chemistry I (R) ^C OR Animal Welfare, Behaviour & Handling (R)	MGTS1960	2	Business Management I
2011 FIRST SEMESTER			2011 SECOND SEMESTER		
ANIM1014 ^C	2	Animal Welfare, Behaviour & Handling (R) ^C OR Elective (from BAppSci course list)	AGRC1017 ^C	2	Agricultural Mathematics ^C OR Elective (from BAppSci course list)
MKTG1502	2	Agriculture & Food Industry Marketing (Remote)	ENVM1512	2	Ecological Economics
2012 FIRST SEMESTER			2012 SECOND SEMESTER		
AGRC3025 OR AGRC3026	2	Decision Support Systems for Natural & Agrifood Systems (Remote) OR Comparative International Farm Systems & Case Studies	FINM3960	2	Investment Project Appraisal
	2	Elective (from Plants Major elective course list)		2	Elective (from Plants Major elective course list)
2013 FIRST SEMESTER			2013 SECOND SEMESTER		
ENVM3526	2	Systems Thinking Systems Dynamics (for a Complex World) (Remote)	STAT2701	2	Biometrics I (R)
	2	Elective (from the Plants Major elective list)		2	Elective (from BAppSci course list)
2014 FIRST SEMESTER			2014 SECOND SEMESTER		
	2	Elective (from the Plants Major elective list)		2	Elective (from the Plants Major elective list)
	2	Elective (from BAppSci course list)	AGRC3002 OR AGRC3006 OR HORT2007	2	Crop Production Science Pasture Science OR Horticultural Science (R)- only offered in semester one

Plants Major electives (at least #10 (5 courses) to be selected from following):

FIRST SEMESTER			SECOND SEMESTER		
LAND2003	2	The Soil Environment	AGRC2020	2	Agronomy (R)
LAND3005	2	Soil Plant Relationships (R-TBA)	HORT3003	2	Production Horticulture (R)
LAND3007	2	Land Use & Management (R)	HORT3008	2	Lifestyle Horticulture (R)
			PLNT2011	2	Plant & Environmental Health (R)

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Regional & Rural Business Management Major / Wildlife Management Major

Academic Advisor: Mr Steve Beasley, Email: sbeasley@uqg.uq.edu.au / Dr Greg Baxter, Email: g.baxter@uq.edu.au
Program Requirements: • 30 days Industry Practice work experience

^C If student does not have Year 12 Mathematics B

NOTE: Please select the external offering of your courses when enrolling

2009 FIRST SEMESTER			2009 SECOND SEMESTER		
Code	#	Title	Code	#	Title
AGRC1015	2	Knowledge Management in Natural & Agrifood Systems (R)	AGRC1014	2	Plant Utilisation in Natural & Agricultural Environments
AGRC1018	2	Introductory Biology (R)	AGRC1019	2	Plant & Animal Biology (R)
2010 FIRST SEMESTER			2010 SECOND SEMESTER		
AGRC1010	2	Systems Thinking & Practice for Environmental & Agrifood Industries (R)	MGTS1960	2	Business Management I
ANIM2005	2	Australian Terrestrial Vertebrates (R)	AGRC1017	2	AGRC1017 Agricultural Mathematics ^C OR 2 Elective (from BAppSci course list)
2011 FIRST SEMESTER			2011 SECOND SEMESTER		
AGRC2019	2	Ecology of Natural & Agricultural Systems (R)	ENVM1512	2	Ecological Economics
ANIM1014	2	Animal Welfare, Behaviour & Handling (R)	ENVM2504	2	Regulatory Framework in Environmental Management (R-Vol)
2012 FIRST SEMESTER			2012 SECOND SEMESTER		
LPWM2003	2	Principles of Wildlife Management	ANIM3018	2	Wildlife Technologies
MKTG1502	2	Agriculture & Food Industry Marketing (Remote)	FINM3960	2	Investment Project Appraisal
2013 FIRST SEMESTER			2013 SECOND SEMESTER		
	2	Elective (from Wildlife Management elective course list)	ENVM3506	2	International & National Conservation Policy
	2	Elective (from BAppSci course list)	STAT2701	2	Biometrics I (R)
2014 FIRST SEMESTER			2014 SECOND SEMESTER		
AGRC3025 OR AGRC3026	2	Decision Support Systems for Natural & Agrifood Systems OR Comparative International Farm Systems Case Studies	LPWM3002	2	Sustainable Wildlife Use & Conservation
ENVM3526	2	Systems Thinking Systems Dynamics (for a Complex World) (Remote)		2	Elective (from BAppSci course list)

Wildlife Management Major electives (at least #2 (1 course) to be selected from following):

FIRST SEMESTER		SECOND SEMESTER	
		AGRC2015 OR LPWM2007	2 2
			Short International Experience ¹ Environmental Management Field Studies (R)

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