

Associate Degree in Applied Science

QTAC Code for all: 760509 Program Code: 1506

Animal Production Major

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

Program Requirements: • 30 days Industry Practice work experience

FIRST SEMESTER			SECOND SEMESTER		
Code	#	Title	Code	#	Title
AGRC1015	2	Knowledge Management in Natural & Agrifood Systems	AGRC1014	2	Plant Utilisation in Natural & Agricultural Environments
AGRC1018	2	Introductory Biology	AGRC1019	2	Plant and Animal Biology
ANIM1003	2	Animal Structure & Function	ANIM1008	2	Animal Health & Care
ANIM1014	2	Animal Welfare, Behaviour and Handling	ANIM2023	2	Animal Nutrition and Feeding
THIRD SEMESTER			FOURTH SEMESTER		
AGRC1010	2	Systems Thinking and Practice for Environmental and Agrifood Industries	ANIM2042	2	Livestock Management & Production
ANIM2002	2	Animal Breeding & Genetics	AGRC1017 OR Elective *	2	Agricultural Mathematics (<i>for students without Year 12 Maths B who wish to articulate into the Bachelor of Applied Science</i>)
ANIM2041	2	Livestock Industries		2	Elective *
CHEM1002 OR Elective *	2	Agricultural and Environmental Chemistry I (<i>for students without Year 12 Chemistry who wish to articulate into the Bachelor of Applied Science</i>)		2	Elective *

* Electives – Students may choose Level 1 or 2 courses from the Associate Degree List and the Bachelor of Applied Science List

Recommended Electives

FIRST SEMESTER			SECOND SEMESTER		
CHEM1002	2	Agricultural & Environmental Chemistry I (if Year 12 Chemistry not completed)	AGRC1011	2	Safety and Quality Assurance in Land Based Industries
MGTS2961	2	Group Dynamics, Negotiation & Adult Learning	AGRC1016	2	Food & Fibre in the E- Landscape
MKTG1502	2	Agriculture & Food Industry Marketing	AGRC1017	2	Agricultural Mathematics (if Year 12 Maths B not completed)
			ANIM2011	2	Animal Physiology (<i>for students who wish to articulate into the Bachelor of Applied Science</i>)
			MGTS1960	2	Business Management I
FIRST OR SECOND SEMESTER					
AGRC1009	2	Rural Competencies			

Animal Welfare and Inspection Major

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

FIRST SEMESTER			SECOND SEMESTER		
Code	#	Title	Code	#	Title
AGRC1015	2	Knowledge Management in Natural & Agrifood Systems	AGRC1014	2	Plant Utilisation in Natural & Agricultural Environments
AGRC1018	2	Introductory Biology	AGRC1019	2	Plant and Animal Biology
ANIM1003	2	Animal Structure & Function	ANIM1008	2	Animal Health & Care
ANIM1014	2	Animal Welfare, Behaviour and Handling	ANIM2023	2	Animal Nutrition and Feeding
THIRD SEMESTER			FOURTH SEMESTER		
AGRC1010	2	Systems Thinking & Practice for Environmental & Agrifood Industries	ANIM2025	2	Stock & Rural Inspection
ANIM2002	2	Animal Breeding & Genetics	AGRC1017 OR Elective *	2	Agricultural Mathematics (<i>for students without Year 12 Maths B who wish to articulate into the Bachelor of Applied Science</i>)
ANIM2041	2	Livestock Industries		2	Elective *
CHEM1002 OR Elective *	2	Agricultural and Environmental Chemistry I (<i>for students without Year 12 Chemistry who wish to articulate into the Bachelor of Applied Science</i>)		2	Elective *

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Recommended Electives

FIRST SEMESTER			SECOND SEMESTER		
ANIM2011	2	Animal Physiology (<i>for students who wish to articulate into the Bachelor of Applied Science</i>)	AGRC1011	2	Safety and Quality Assurance in Land Based Industries
CHEM1002	2	Agricultural & Environmental Chemistry I (if Year 12 Chemistry not completed)	AGRC1017	2	Agricultural Mathematics (if Year 12 Maths B not completed)
MGTS2961	2	Group Dynamics, Negotiation & Adult Learning	ANIM2040	2	Animal Biosecurity
			ANIM2042	2	Livestock Management & Production
FIRST OR SECOND SEMESTER					
AGRC1009	2	Rural Competencies			

Equine Studies Major

Academic Advisor: Dr Mark Hohenhaus, Email: m.hohenhaus@uq.edu.au
 Program Requirements: • 30 days Industry Practice work experience
Important Equine Information: www.animal.uq.edu.au/docs/Equine.Info.pdf

FIRST SEMESTER			SECOND SEMESTER		
Code	#	Title	Code	#	Title
AGRC1015	2	Knowledge Management in Natural & Agrifood Systems	AGRC1014	2	Plant Utilisation in Natural & Agricultural Environments
AGRC1018	2	Introductory Biology	AGRC1019	2	Plant and Animal Biology
ANIM1003	2	Animal Structure & Function	ANIM1966	2	Equine Husbandry & Equitation II
ANIM1006	2	Equine Husbandry and Equitation I	ANIM2023	2	Animal Feeding & Nutrition
THIRD SEMESTER			FOURTH SEMESTER		
AGRC1010	2	Systems Thinking and Practice for Environmental and Agrifood Industries	ANIM2039	2	Equine Stud Management
ANIM1014	2	Animal Welfare, Behaviour & Handling	AGRC1017 OR Elective *	2	Agricultural Mathematics (<i>for students without Year 12 Maths B who wish to articulate into the Bachelor of Applied Science</i>)
ANIM2024	2	Horse Handling and Training		2	Elective *
CHEM1002 OR Elective *	2	Agricultural and Environmental Chemistry I (<i>for students without Year 12 Chemistry who wish to articulate into the Bachelor of Applied Science</i>)		2	Elective *

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Recommended Electives

FIRST SEMESTER			SECOND SEMESTER		
ANIM2002	2	Animal Breeding & Genetics (<i>for students who wish to articulate into the Bachelor of Applied Science</i>)	AGRC1011	2	Safety and Quality Assurance in Land Based Industries
ANIM2006	2	Equestrian Coach Education (<i>for students who wish to articulate into the Bachelor of Applied Science</i>)	AGRC1016	2	Food & Fibre in the E- Landscape
CHEM1002	2	Agricultural & Environmental Chemistry I (if Year 12 Chemistry not completed)	AGRC1017	2	Agricultural Mathematics (if Year 12 Maths B not completed)
MGTS2961	2	Group Dynamics, Negotiation & Adult Learning	ANIM1008	2	Animal Health & Care
MKTG1502	2	Agriculture & Food Industry Marketing	ANIM2011	2	Animal Physiology
			MGTS1960	2	Business Management I
FIRST OR SECOND SEMESTER					
AGRC1009	2	Rural Competencies			

Marine Resources Major

Academic Advisor: Assoc Prof Marc Hockings, Email: m.hockings@uq.edu.au

Program Requirements: • 30 days Industry Practice work experience

FIRST SEMESTER			SECOND SEMESTER		
Code	#	Title	Code	#	Title
AGRC1010	2	Systems Thinking and Practice for Environmental and Agrifood Industries	AGRC1014	2	Plant Utilisation in Natural & Agricultural Environments
AGRC1015	2	Knowledge Management in Natural & Agrifood Systems	AGRC1019	2	Plant and Animal Biology
AGRC1018	2	Introductory Biology	LPWM2001	2	Marine Resource Management
ANIM1014	2	Animal Welfare, Behaviour and Handling		2	<i>Elective*</i>
THIRD SEMESTER			FOURTH SEMESTER		
AGRC2019	2	Ecology of Natural and Agricultural Systems	ENVM2504	2	Regulatory Frameworks in Environmental Management
LPWM2006	2	Fisheries Science	LPWM2000	2	Marine and Coastal Environmental Protection
CHEM1002 OR Elective *	2	Agricultural and Environmental Chemistry I (<i>for students without Year 12 Chemistry who wish to articulate into the Bachelor of Applied Science</i>)	LPWM2005	2	Fisheries Management
	2	<i>Elective *</i>	AGRC1017 OR Elective *	2	Agricultural Mathematics (<i>for students without Year 12 Maths B who wish to articulate into the Bachelor of Applied Science</i>)

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Recommended Electives

FIRST SEMESTER			SECOND SEMESTER		
CHEM1002	2	Agricultural and Environmental Chemistry I (if Year 12 Chemistry not completed)	AGRC1017	2	Agricultural Mathematics (if Year 12 Maths B not completed)
ENVM2519	2	National Park Management	ENVM1511	2	Principles and Practices of Interpretation
LPWM2003	2	Principles of Wildlife Management	GEOM1960	2	Introduction to Remote Sensing and GIS
LPWM2008	2	Cultural Heritage Management	LPWM2007	2	Environmental Management Field Studies
FIRST OR SECOND SEMESTER					
AGRC1009	2	Rural Competencies			

Plant Studies Major

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

FIRST SEMESTER			SECOND SEMESTER		
Code	#	Title	Code	#	Title
AGRC1010	2	Systems Thinking and Practice for Environmental and Agrifood Industries	AGRC1011	2	Safety and Quality Assurance in Land Based Industries
AGRC1015	2	Knowledge Management in Natural & Agrifood Systems	AGRC1014	2	Plant Utilisation in Natural & Agricultural Environments
AGRC1018	2	Introductory Biology	AGRC1019	2	Plant and Animal Biology
ANIM1014	2	Animal Welfare, Behaviour and Handling		2	<i>Elective *</i>
THIRD SEMESTER			FOURTH SEMESTER		
AGRC2009	2	Plant Production Technology	AGRC1017 OR Elective *	2	Agricultural Mathematics (<i>for students without Year 12 Maths B who wish to articulate into the Bachelor of Applied Science</i>)
HORT2007	2	Horticultural Science	AGRC2020	2	Agronomy
LAND2003	2	The Soil Environment	PLNT2011	2	Plant and Environmental Health
CHEM1002 OR Elective *	2	Agricultural and Environmental Chemistry I (<i>for students without Year 12 Chemistry who wish to articulate into the Bachelor of Applied Science</i>)		2	<i>Elective *</i>

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Recommended Electives

FIRST SEMESTER			SECOND SEMESTER		
CHEM1002	2	Agricultural and Environmental Chemistry I (if Year 12 Chemistry not completed)	AGRC1017	2	Agricultural Mathematics (if Year 12 Maths B not completed)
MGTS2961	2	Group Dynamics, Negotiation & Adult Learning	AGRC1016	2	Food and Fibre in the E-Landscape
			MGTS1960	2	Business Management I
			PLNT2002	2	Plant Physiology
FIRST OR SECOND SEMESTER					
AGRC1009	2	Rural Competencies			

Wilderness Reserves and Wildlife Major

Academic Advisor: Assoc Prof Marc Hockings, Email: m.hockings@uq.edu.au
 Program Requirements: • 30 days Industry Practice work experience

FIRST SEMESTER			SECOND SEMESTER		
Code	#	Title	Code	#	Title
AGRC1010	2	Systems Thinking and Practice for Environmental and Agrifood Industries	AGRC1014	2	Plant Utilisation in Natural & Agricultural Environments
AGRC1015	2	Knowledge Management in Natural & Agrifood Systems	AGRC1019	2	Plant and Animal Biology
AGRC1018	2	Introductory Biology	ENVM1511	2	Principles and Practices of Interpretation
ANIM1014	2	Animal Welfare, Behaviour and Handling		2	Elective *
THIRD SEMESTER			FOURTH SEMESTER		
AGRC2019	2	Ecology of Natural and Agricultural Systems	ENVM2504	2	Regulatory Frameworks in Environmental Management
ENVM2519	2	National Park Management	ENVM2512	2	Fire Management
LPWM2003	2	Principles of Wildlife Management	AGRC1017 OR Elective *	2	Agricultural Mathematics (<i>for students without Year 12 Maths B who wish to articulate into the Bachelor of Applied Science</i>)
CHEM1002 OR Elective *	2	Agricultural and Environmental Chemistry I (<i>for students without Year 12 Chemistry who wish to articulate into the Bachelor of Applied Science</i>)		2	Elective *

* Electives – Students may choose Level 1 or 2 courses from the Associate Degree List and the Bachelor of Applied Science List

Recommended Electives

FIRST SEMESTER			SECOND SEMESTER		
CHEM1002	2	Agricultural and Environmental Chemistry I (if Year 12 Chemistry not completed)	AGRC1017	2	Agricultural Mathematics (if Year 12 Maths B not completed)
LPWM2008	2	Cultural Heritage Management	GEOM1960	2	Introduction to Remote Sensing and GIS
			LAND2001	2	Land Resources & Landscape Processes
			LPWM2007	2	Environmental Management Field Studies
FIRST OR SECOND SEMESTER					
AGRC1009	2	Rural Competencies			