

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	2	Agricultural Mathematics (<i>for students without Year 12 Maths B who wish to articulate into the Bachelor of Applied Science</i>)
			OR Elective	2	OR Elective *
ANIM2041	2	Livestock Industries		2	Elective *
CHEM1002	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 *
OR Elective	2	OR Recommended elective MKTG1502			

* 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 (<i>if Year 12 Chemistry not completed</i>)	AGRC1011	2	Safety and Quality Assurance in Land Based Industries
MGTS2961	2	Working with Groups and Teams	AGRC1016	2	Food & Fibre in the E- Landscape
MKTG1502	2	Agriculture & Food Industry Marketing	AGRC1017	2	Agricultural Mathematics (<i>if Year 12 Maths B not completed</i>)
			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	2	Agricultural Mathematics (<i>for students without Year 12 Maths B who wish to articulate into the Bachelor of Applied Science</i>)
			OR Elective	2	OR Elective *

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ANIM2041	2	Livestock Industries		2	Elective *
CHEM1002	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 *
OR Elective	2	OR Recommended elective MGTS2961			

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Recommended Electives

FIRST SEMESTER			SECOND SEMESTER		
CHEM1002	2	Agricultural & Environmental Chemistry I (<i>if Year 12 Chemistry not completed</i>)	AGRC1011	2	Safety and Quality Assurance in Land Based Industries
MGTS2961	2	Working with Groups and Teams	AGRC1017	2	Agricultural Mathematics (<i>if Year 12 Maths B not completed</i>)
			ANIM2011	2	Animal Physiology
			ANIM2040	2	Animal Biosecurity
			ANIM2042	2	Livestock Management & Production
FIRST OR SECOND SEMESTER					
AGRC1009	2	Rural Competencies			

Equine Studies Major

Academic Advisors: Dr Judy Cawdell-Smith, email: j.cawdellsmith@uq.edu.au
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	2	Agricultural Mathematics (<i>for students without Year 12 Maths B who wish to articulate into the Bachelor of Applied Science</i>)
			OR Elective	2	OR Elective *
ANIM2024	2	Equine Behaviour and Handling		2	Elective * Recommended elective AGRC1011
CHEM1002	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 * Recommended elective MGTS1960
OR Elective	2	OR Recommended elective MGTS2961			

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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	AGRC1016	2	Food & Fibre in the E- Landscape
CHEM1002	2	Agricultural & Environmental Chemistry I (<i>if Year 12 Chemistry not completed</i>)	AGRC1017	2	Agricultural Mathematics (<i>if Year 12 Maths B not completed</i>)
MGTS2961	2	Working with Groups and Teams	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	AGRC1017	2	Agricultural Mathematics (<i>for students without Year 12 Maths B who wish to articulate into the Bachelor of Applied Science</i>)
			OR ENVM2504	2	Regulatory Frameworks in Environmental Management
AGRC1018	2	Introductory Biology	AGRC1019	2	Plant and Animal Biology
ANIM1014	2	Animal Welfare, Behaviour and Handling	LPWM2001	2	Marine Resource Management
THIRD SEMESTER			FOURTH SEMESTER		
AGRC2019	2	Ecology of Natural and Agricultural Systems	ENVM2504	2	Regulatory Frameworks in Environmental Management
			OR Elective	2	Elective *
LPWM2006	2	Fisheries Science	LPWM2000	2	Marine and Coastal Environmental Protection
	2	Elective *	LPWM2005	2	Fisheries Management
	2	Elective *		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 <i>(if Year 12 Chemistry not completed and wanting to articulate to Degree in any major or extended major not in the Environmental Management suite of programs)</i>	AGRC1017	2	Agricultural Mathematics <i>(for students without Year 12 Maths B who wish to articulate into the Bachelor of Applied Science)</i>
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 Advisors: Dr Doug George, email: d.george@uq.edu.au / Dr Margaret Johnston, email: m.johnston@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	Elective *
THIRD SEMESTER			FOURTH SEMESTER		
AGRC2009	2	Plant Production Technology	AGRC1017	2	Agricultural Mathematics (<i>for students without Year 12 Maths B who wish to articulate into the Bachelor of Applied Science</i>)
			OR Elective		OR Elective *
HORT2007	2	Horticultural Science	AGRC2020	2	Agronomy
LAND2003	2	The Soil Environment	PLNT2011	2	Plant and Environmental Health
CHEM1002	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 *
OR Elective		OR Elective *			

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Recommended Electives

FIRST SEMESTER			SECOND SEMESTER		
CHEM1002	2	Agricultural and Environmental Chemistry I <i>(if Year 12 Chemistry not completed)</i>	AGRC1017	2	Agricultural Mathematics <i>(if Year 12 Maths B not completed)</i>
MGTS2961	2	Working With Groups and Teams	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	AGRC1017	2	Agricultural Mathematics <i>(for students without Year 12 Maths B who wish to articulate into the Bachelor of Applied Science)</i>
			OR		
			ENVM2504	2	Regulatory Frameworks in Environmental Management
AGRC1018	2	Introductory Biology	AGRC1019	2	Plant and Animal Biology
ANIM1014	2	Animal Welfare, Behaviour and Handling	ENVM1511	2	Principles and Practices of Interpretation
THIRD SEMESTER			FOURTH SEMESTER		
AGRC2019	2	Ecology of Natural and Agricultural Systems	ENVM2504	2	Regulatory Frameworks in Environmental Management
			OR		
			Elective	2	Elective *
ENVM2519	2	National Park Management	ENVM2512	2	Fire Management
LPWM2003	2	Principles of Wildlife Management		2	Elective *
	2	Elective *		2	Elective *

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Recommended Electives

FIRST SEMESTER			SECOND SEMESTER		
CHEM1002	2	Agricultural and Environmental Chemistry I <i>(if Year 12 Chemistry not completed and wanting to articulate to Degree in any major or extended major not in the Environmental Management suite of programs)</i>	AGRC1017	2	Agricultural Mathematics <i>(for students without Year 12 Maths B who wish to articulate into the Bachelor of Applied Science)</i>
LAND2003	2	The Soil Environment	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			