

Bold = Core Courses

Plain = Major

TWO-YEAR ASSOCIATE DEGREE PROGRAMS

Associate Degree in Applied Science

QTAC Code for all: 760509 Program Code: 1506

Associate Degree in Applied Science: Animal Production Major

Academic Advisor: Mr Peter Goodwin, Email: p.goodwin@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 Agriculture & Natural Environments
AGRC1015	2	Knowledge Management in Natural & Agrifood Systems	AGRC1019	2	Plant and Animal Biology
AGRC1018	2	Introductory Biology	ANIM1003	2	Animal Structure & Function
ANIM1014	2	Animal Welfare, Behaviour and Handling	ANIM1008	2	Animal Health & Care
THIRD SEMESTER			FOURTH SEMESTER		
ANIM2002	2	Animal Breeding & Genetics	ANIM2023	2	Animal Nutrition and Feeding
ANIM2041	2	Animal Management I	MGTS1960	2	Business Management
CHEM1002 OR Elective *	2	Agricultural and Environmental Chemistry I (<i>for students without Senior Chemistry who wish to articulate into the Bachelor of Applied Science</i>)	AGRC1017 OR Elective *	2	Agricultural Mathematics (<i>for students without Senior Maths B who wish to articulate into the Bachelor of Applied Science</i>)
	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		
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 Senior Chemistry not completed)	AGRC1016	2	Food & Fibre in the E- Landscape
MGTS2604	2	Introduction to Human Resource Management	AGRC1017	2	Agricultural Mathematics (if Senior Maths B not completed)
MKTG2960	2	Agriculture & Food Industry Marketing	ANIM2042	2	Animal Management II
FIRST OR SECOND SEMESTER					
AGRC1009	2	Rural Competencies	AGRC1009	2	Rural Competencies

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Associate Degree in Applied Science: Animal Welfare and Inspection Major

Academic Advisor: Mr Peter Goodwin, Email: p.goodwin@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 Agriculture & Natural Environments
AGRC1015	2	Knowledge Management in Natural & Agrifood Systems	AGRC1019	2	Plant and Animal Biology
AGRC1018	2	Introductory Biology	ANIM1003	2	Animal Structure & Function
ANIM1014	2	Animal Welfare, Behaviour and Handling	ANIM1008	2	Animal Health & Care
THIRD SEMESTER			FOURTH SEMESTER		
ANIM2002	2	Animal Breeding & Genetics	ANIM2023	2	Animal Nutrition and Feeding
ANIM2041	2	Animal Management I	ANIM2025	2	Stock & Rural Inspection
CHEM1002 OR Elective *	2	Agricultural and Environmental Chemistry I (for students without Senior Chemistry who wish to articulate into the Bachelor of Applied Science)	AGRC1017 OR Elective *	2	Agricultural Mathematics (for students without Senior Maths B who wish to articulate into the Bachelor of Applied Science)
	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		
MGTS2604	2	Introduction to Human Resource Management	AGRC1011	2	Safety and Quality Assurance in Land Based Industries
ANIM2011	2	Animal Physiology (for students who wish to articulate into the Bachelor of Applied Science)	ANIM2040	2	Animal Biosecurity
CHEM1002	2	Agricultural & Environmental Chemistry I (if Senior Chemistry not completed)	ANIM2042	2	Animal Management II
			AGRC1017	2	Agricultural Mathematics (if Senior Maths B not completed)
FIRST OR SECOND SEMESTER					
AGRC1009	2	Rural Competencies	AGRC1009	2	Rural Competencies

Associate Degree in Applied Science: Equine Studies Major

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

Program Requirements: • 30 days Industry Practice work experience

Important Information: Please complete and return the "Horse Accommodation Booking Form" at the back of this brochure or under General Information on the CD.

FIRST SEMESTER			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	AGRC1019	2	Plant and Animal Biology
ANIM1006	2	Equine Husbandry and Equitation I	ANIM1003	2	Animal Structure & Function
ANIM1014	2	Animal Welfare, Behaviour and Handling	ANIM1966	2	Equine Husbandry & Equitation II
THIRD SEMESTER			FOURTH SEMESTER		
AGRC1010	2	Systems Thinking and Practice for Environmental and Agrifood Industries	ANIM2039	2	Equine Stud Management
ANIM2024	2	Horse Handling and Training	ANIM1008	2	Animal Health & Care
CHEM1002 OR Elective *	2	Agricultural and Environmental Chemistry I (for students without Senior Chemistry who wish to articulate into the Bachelor of Applied Science)	AGRC1017 OR Elective *	2	Agricultural Mathematics (for students without Senior Maths B who wish to articulate into the Bachelor of Applied Science)
	2	Elective *		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
ANIM2011	2	Animal Physiology	AGRC1017	2	Agricultural Mathematics (if Senior Maths B not completed)
CHEM1002	2	Agricultural & Environmental Chemistry I (if Senior Chemistry not completed)	ANIM2023	2	Animal Feeding & Nutrition
MGTS2604	2	Introduction to Human Resource Management	MGTS1960	2	Business Management
MKTG2960	2	Agriculture & Food Industry Marketing			
FIRST OR SECOND SEMESTER					
AGRC1009	2	Rural Competencies			

Associate Degree in Applied Science: Forestry Major

Academic Advisor: Dr Grant Wardell-Johnson, Email: g.wardell-johnson@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 Agriculture & Natural Environments
AGRC1015	2	Knowledge Management in Natural & Agrifood Systems	AGRC1019	2	Plant and Animal Biology
AGRC1018	2	Introductory Biology	LAND2001	2	Land Resources and Landscape Processes
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
FRST1001	2	Tropical Systems in the Asia-Pacific	ENVM2512	2	Fire Management
FRST2002	2	Growing and Managing Tropical Forests	AGRC1017 OR <i>Elective *</i>	2	Agricultural Mathematics (<i>for students without Senior Maths B who wish to articulate into the Bachelor of Applied Science</i>)
CHEM1002 OR <i>Elective *</i>	2	Agricultural and Environmental Chemistry I (<i>for students without Senior 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 Senior Chemistry not completed)	AGRC1017	2	Agricultural Mathematics (if Senior Maths B not completed)
LPWM2003	2	Principles of Wildlife Management	AGRC2014	2	Problem Solving in Natural and Agrifood Systems
LPWM2008	2	Cultural Heritage Management	LPWM2007	2	Environmental Management Field Studies
FIRST OR SECOND SEMESTER					
AGRC1009	2	Rural Competencies	AGRC1009	2	Rural Competencies

Bold = Core Courses

Plain = Major

Associate Degree in Applied Science: Marine Resources Major

Academic Advisor: Dr Manda Page, Email: m.page@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 Agriculture & Natural 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			<i>Elective*</i>
THIRD SEMESTER			FOURTH SEMESTER		
AGRC2019	2	Ecology of Natural and Agricultural Systems	ENVM2504	2	Regulatory Frameworks in Environmental Management
LPWM2005	2	Fisheries Management	LPWM2000	2	Marine and Coastal Environmental Protection
CHEM1002 OR <i>Elective *</i>	2	Agricultural and Environmental Chemistry I (<i>for students without Senior Chemistry who wish to articulate into the Bachelor of Applied Science</i>)	LPWM2006	2	Fisheries Technology
	2	<i>Elective *</i>	AGRC1017 OR <i>Elective *</i>	2	Agricultural Mathematics (<i>for students without Senior Maths B who wish to articulate into the Bachelor of Applied Science</i>)

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Recommended Electives

FIRST SEMESTER			SECOND SEMESTER		
Code	#	Title	Code	#	Title
CHEM1002	2	Agricultural and Environmental Chemistry I (if Senior Chemistry not completed)	AGRC1017	2	Agricultural Mathematics (if Senior 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			

Associate Degree in Applied Science: 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 Agriculture & Natural 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 <i>Elective *</i>	2	Agricultural Mathematics (<i>for students without Senior 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 <i>Elective *</i>	2	Agricultural and Environmental Chemistry I (<i>for students without Senior Chemistry who wish to articulate into the Bachelor of Applied Science</i>)		2	<i>Elective *</i>

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Bold = Core Courses

Plain = Major

Recommended Electives

FIRST SEMESTER			SECOND SEMESTER		
CHEM1002	2	Agricultural and Environmental Chemistry I (if Senior Chemistry not completed)	AGRC1017	2	Agricultural Mathematics (if Senior Maths B not completed)
MGTS2604	2	Introduction to Human Resource Management	AGRC1016	2	Food and Fibre in the E-Landscape
			MGTS1960	2	Business Management
			PLNT2002	2	Plant Physiology
FIRST OR SECOND SEMESTER					
AGRC1009	2	Rural Competencies			

Associate Degree in Applied Science: Wilderness Reserves and Wildlife Major

Academic Advisor: Dr Manda Page, Email: m.page@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 Agriculture & Natural 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	<i>Elective *</i>
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 <i>Elective *</i>	2	Agricultural Mathematics (for students without Senior Maths B who wish to articulate into the Bachelor of Applied Science)
CHEM1002 OR <i>Elective *</i>	2	Agricultural and Environmental Chemistry I (for students without Senior Chemistry who wish to articulate into the Bachelor of Applied Science)		2	<i>Elective *</i>

* 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 Senior Chemistry not completed)	AGRC1017	2	Agricultural Mathematics (if Senior 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			