



CAREERS WITH ANIMALS | A COURSE GUIDE

student/teacher support notes



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This document is intended as a guide only. Please check directly with educational institutions for current courses and entry requirements.

Careers in Working with Animals

Student/Teacher Support Notes ►►

Choosing to work with animals can present daily challenges but also provides many rewarding experiences and life-long friendships.

Each year the RSPCA employs hundreds of staff and volunteers who care about animals and their welfare.

If you are kind, enthusiastic and don't mind getting your hands dirty, a career with animals may be a career for you.

The RSPCA is an independent, non-government, community-based charity providing leadership in the area of Animal Welfare. We employ people with a variety of skills and qualifications, to work with animals and for animals. The following information may assist you in planning for a career in caring for animals.



Animal Care

Animal Attendant

Animal attendants feed, clean and maintain the environment for the animals in their care. They assist veterinarians and supervise junior staff and volunteers and provide information to the general public.

Employment opportunities are available with: animal shelters; local councils; laboratories (research animals); pet stores; and the racing industry.

There are a number of courses/qualifications at TAFE and university level you can undertake to become an Animal Attendant.

TAFE options - Animal Attendant	Entry requirements	Training providers
<p>Certificate I & II in Animal Studies This qualification is from the Animal Care and Management Training Package and is the industry qualification for persons operating within a companion animal organisation.</p>	<p>Year 10 or equivalent plus interview. Requirements vary between providers.</p>	<p>Box Hill Institute of TAFE Flexible Advanced Creative Training Solutions, Geelong Gordon Institute of TAFE, Geelong Goulburn Ovens Institute of TAFE, Wangaratta Northern Melbourne Institute of TAFE, Fairfield South West Institute of TAFE, Warrnambool Sunraysia Institute of TAFE, Mildura Victoria University, Werribee</p>
<p>Certificate III in Companion Animal Services This qualification is from the Animal Care and Management Training Package and is the industry qualification for persons operating within a companion animal organisation.</p>	<p>Year 10 plus interview. Workplace access required.</p>	<p>Box Hill Institute of TAFE, Elgar Northern Melbourne Institute of TAFE, Fairfield Sunraysia Institute of TAFE, Mildura Victoria University, Werribee</p>

TAFE options - Animal Attendant	Entry requirements	Training providers
<p>Certificate IV in Companion Animal Services - Pet Grooming This course is part of the Animal Care and Management Training Package and is the industry qualification for persons operating within a companion animal organisation.</p>	<p>Relevant employment and interview.</p>	<p>Box Hill Institute of TAFE, Elgar</p>
<p>Certificate III in Captive Animals This qualification is from the Animal Care and Management Training Package. It is the industry qualification for persons operating at a pre-trade level and undertaking captive animal functions within a zoo, wildlife or theme park environment. With this qualification you could also become an Animal Technician.</p>	<p>Current relevant employment or access to the workplace.</p>	<p>Box Hill Institute of TAFE, Elgar Victoria University, Werribee</p>
<p>Certificate I in Racing - Greyhound Attendant This course is part of the Racing Industry Training Package. It provides pre-employment training for students contemplating employment in the entry-level occupation of greyhound attendant.</p>	<p>Year 10; or relevant current employment.</p>	<p>Australian Training College Pty Ltd, Kilmore</p>
<p>Certificate II in Racing - Greyhound Owner Trainer This course is part of the Racing Industry Training Package and reflects the role of those who follow known routines with a defined amount of responsibility and judgement for their own affairs.</p>	<p>No minimum education.</p>	<p>Australian Training College Pty Ltd, Kilmore</p>
<p>Certificate II in Racing - Greyhound Trainer This qualification forms part of the Racing Industry Training Package. It will prepare you to work as a senior kennel hand carrying out similar duties to the stable foreman.</p>	<p>Intermediate English skills required.</p>	<p>Australian Training College Pty Ltd, Kilmore</p>

University options - Animal Attendant	Entry requirements	Training providers
<p>Bachelor of Animal and Veterinary Biosciences This course is a broad biology-based program leading to specialised studies in:</p> <ul style="list-style-type: none"> • Animal structure • Metabolism • Reproduction: breeding and biotechnology • Genetics • Ecology • Behaviour • Animal Nutrition • Animal Health • The impact of man on animals. 	<p>ENTER 70.20</p> <p>Middle Band: Applicants who have successfully completed any of the following studies will be deemed to have an ENTER 1.5 points higher to a maximum of three points: Biology, Chemistry, Mathematical Methods, Physics, or Specialist Mathematics. . VCE Units 3 & 4: English (any).</p> <p>Performance in prerequisite studies will be considered</p>	<p>LaTrobe University, Bundoora</p>
<p>Bachelor of Science - Zoology Students enrolled in zoology subjects can learn a diversity of topics, ranging from the structure and function of the cells that make up animals, through anatomy and physiology, reproduction and development, evolution, ecology and behaviour.</p>	<p>Some providers require Units 3 & 4, a study score of at least 20 in English (any), and a study score of 25 in mathematical methods (either) or specialist mathematics, and in one of biology, chemistry, psychology, physics, software development or specialist mathematics.</p> <p>ENTER: varies across providers.</p>	<p>University of Melbourne, Parkville Deakin University, Melbourne/Geelong LaTrobe University, Bundoora/Bendigo</p>

Animal Technician

Animal technicians are employed in a variety of roles, generally related to science and research in education, health, government and private sectors with a wide cross-section of animal species.

Animal technicians at a junior level are generally employed for the care and husbandry of animals used in research, while senior animal technicians often move into highly specialised fields that require a high degree of autonomy and expertise in areas such as management, surgery, techniques or research.

Employment opportunities are available with: scientific and medical laboratories; research institutes; and university laboratories.

There are a number of courses/qualifications at TAFE and university level you can undertake to become an Animal Technician.

TAFE options - Animal Technician	Entry requirements	Training providers
<p>Certificate III in Animal Technology This qualification is from the Animal Care and Management Training Package. It is the industry qualification for persons operating at a junior or assistant level and undertaking animal technology functions within a scientific environment.</p>	Access to relevant workplace. Some providers require year 10 or mature age.	<p>Box Hill Institute of TAFE, Elgar</p> <p>Northern Melbourne Institute of TAFE, Fairfield</p> <p>South West Institute of TAFE, Warnambool</p>
<p>Certificate III in Captive Animals This qualification is from the Animal Care and Management Training Package. It is the industry qualification for persons operating at a pre-trade level and undertaking captive animal functions within a zoo, wildlife or theme park environment. With this qualification you could also become an Animal Technician.</p>	Current relevant employment or access to the workplace.	<p>Box Hill Institute of TAFE, Elgar</p> <p>Victoria University, Werribee</p> <p>Victoria University, Footscray</p> <p>Northern Melbourne Institute of TAFE, Fairfield</p>
<p>Diploma of Animal Technology This course is part of the Animal Care and Management Training Package. It is the industry qualification for persons operating at a senior or managerial level and undertaking animal technology functions within a scientific environment.</p>	Access to adequate industry experience to complete the course; or year 12 plus work placement arrangement. Entrance requirements vary with the provider.	<p>Box Hill Institute of TAFE, Elgar</p> <p>Victoria University, Werribee</p>

University options - Animal Technician	Entry requirements	Training providers
<p>Bachelor of Science - Biological Sciences Biological Sciences covers the areas of ecology, ecotoxicology, marine biology and aquaculture, environmental biotechnology and molecular agriculture. The program uses the core knowledge and techniques of plant and animal identification along with molecular biology, genetics, biological chemistry and microbiology.</p>	<p>Current Year 12 prerequisite Units 3 & 4— English (any) and one of Mathematical Methods (either) or Specialist Mathematics.</p> <p>Non-Year 12 applicants are encouraged to apply and may be required to have relevant employment or evidence of experience and/or ability to meet the demands of the program.</p> <p>Equity admissions schemes. ¹</p>	RMIT University, Melbourne
<p>Bachelor of Science - Biotechnology Biotechnology covers the areas of molecular biology, bioinformatics, genomics and proteomics, collectively called biomolecular technologies, as well as specific technologies such as fermentation.</p> <p>It is also necessary to understand the structure and function of cells, microbes, animals and plants. Biotechnology uses knowledge at the molecular level of living systems to devise strategies to solve important practical problems, for example, controlling disease and making the environment safer.</p>	<p>Current Year 12 prerequisite Units 3 & 4— English (any) and one of Mathematical Methods (either) or Specialist Mathematics.</p> <p>Non-Year 12 applicants are encouraged to apply and may be required to have relevant employment or evidence of experience and/or ability to meet the demands of the program.</p> <p>Equity admissions schemes. (see footnote below)</p>	RMIT University, Melbourne

¹ RMIT understands that people's backgrounds and circumstances can affect their access to education and training. RMIT's equity admissions schemes allow applicants to explain the circumstances that have adversely affected their education, and demonstrate their capacity for future academic success.

University options - Animal Technician	Entry requirements	Training providers
<p>Bachelor of Science - Animal and Veterinary Biosciences</p> <p>This course is a broad biology-based program leading to specialised studies in:</p> <ul style="list-style-type: none"> • Animal structure • Metabolism • Reproduction: breeding and biotechnology • Genetics • Ecology • Behaviour • Animal nutrition • Animal health • The impact of man on animals. 	ENTER 70.20	LaTrobe University, Bundoora
<p>Bachelor of Conservation - Biology and Ecology</p> <p>Conservation Biology is of increasing importance on the world stage, to help limit the effects of environmental degradation and the loss of biodiversity, through sustaining species and the ecosystems on which they depend.</p>	<p>ENTER: 70.85</p> <p>Middle Band: Completing one or more of biology, chemistry, physics, mathematical methods (either) or specialist mathematics = 1.5 aggregate points higher per study, to a maximum 3 points. Performance in prerequisite studies will be considered.</p>	LaTrobe, Bundoora

Veterinary Nursing

Veterinary nurses play a key role in the veterinary practice. They work alongside veterinary surgeons, providing a high standard of care for animals. Normally working within a veterinary surgery or hospital, veterinary nurses provide skilled supportive care for sick animals and undertake minor surgical procedures, medical treatments and diagnostic tests under veterinary supervision. They also play a key role in educating of owners about good standards of animal care.

Employment opportunities are available with: animal hospitals; private practices; laboratories; zoos; and animal welfare/organisations.

There are a number of courses/qualifications at TAFE and university level you can undertake to become a Veterinary Nurse.

TAFE options - Veterinary Nursing	Entry requirements	Training providers
<p>Certificate II in Animal Studies - Veterinary Nursing This qualification is from the Animal Care and Management Training Package. For those interested in becoming a veterinary nurse but not currently in paid employment in a veterinary clinic</p>	<p>Year 10 or equivalent plus interview. Requirements vary between providers.</p>	<p>Box Hill Institute of TAFE, Elgar</p>
<p>Certificate IV in Veterinary Nursing This qualification is from the Animal Care and Management Training Package. It is the industry qualification for persons operating as veterinary nurses within veterinary clinics.</p>	<p>Certificate III in Animal Technology or Companion Animal Services plus relevant employment; or proof of ability to complete the course and relevant employment. Entrance requirements vary between providers.</p>	<p>Box Hill Institute of TAFE, Elgar Goulburn Ovens Institute of TAFE, Wangaratta Victoria University, Werribee Northern Melbourne Institute of TAFE, Fairfield</p>

TAFE options - Veterinary Nursing	Entry requirements	Training providers
<p>Diploma of Veterinary Nursing - Dental This qualification is part of the Animal Care and Management Training Package and is the industry qualification for veterinary nurses who provide specialised and advanced veterinary dental nursing support within a clinic or hospital that performs advanced veterinary dentistry, or a specialist or referral veterinary dental clinic or hospital.</p>	<p>Employment in a veterinary clinic or equivalent where a registered veterinary dental specialist performs advanced veterinary dentistry procedures.</p>	<p>Box Hill Institute of TAFE, Elgar</p>
<p>Diploma of Veterinary Nursing - Emergency and Critical Care This qualification is part of the Animal Care and Management Training Package and is the industry qualification for veterinary nurses who provide support for an extensive range of emergency and critical care procedures within a veterinary hospital or emergency / specialist veterinary clinic.</p>	<p>Employment in a veterinary hospital or emergency/specialist veterinary clinic where emergency and critical care procedures are performed.</p>	<p>Box Hill Institute of TAFE, Elgar</p>
<p>Diploma of Veterinary Nursing - Surgical This qualification is part of the Animal Care and Management Training Package and is the industry qualification for veterinary nurses who provide specialised surgical nursing support for registered specialist veterinarians performing specialised surgical procedures within veterinary clinics or hospitals.</p>	<p>Employment in a veterinary clinic or hospital where a registered specialist performs specialised surgical procedures.</p>	<p>Box Hill Institute of TAFE, Elgar</p>

University options - Veterinary Nursing	Entry requirements	Training providers
<p>Bachelor of Science - Animal and Veterinary Biosciences This course is a broad biology-based program leading to specialised studies in:</p> <ul style="list-style-type: none"> • Animal structure • Metabolism • Reproduction: breeding and biotechnology • Genetics • Ecology • Behaviour • Animal nutrition • Animal health • The impact of man on animals 	<p>ENTER 70.20</p> <p>Middle Band: Applicants who have successfully completed any of the following studies will be deemed to have an ENTER 1.5 points higher to a maximum of three points: Biology, Chemistry, Mathematical Methods, Physics, or Specialist Mathematics. VCE Units 3 & 4: English (any).</p> <p>Performance in prerequisite studies will be considered.</p>	LaTrobe University, Bundoora
<p>Bachelor of Veterinary Science (Pre-Veterinary stream) A limited number of students enter into the pre-veterinary year of science following secondary schooling. Successful completion of this year guarantees entry into the Bachelor of Veterinary Science.</p>	<p>Units 3 and 4 - a study score of at least 35 in each of English (any), Chemistry and in one of Mathematical Methods (either) or Physics.</p> <p>The VCE Mathematical Methods prerequisite for a course can be satisfied by the completion of Specialist Mathematics at the required level.</p> <p>Clearly in ENTER - 98.95</p> <p>Middle Stream: Consideration will be given to Access Melbourne applicants.</p>	University of Melbourne, Parkville and Werribee

University options - Veterinary Nursing	Entry requirements	Training providers
<p>Bachelor of Veterinary Science (Years 1-4) The Bachelor of Veterinary Science qualifies students for professional registration to practice as veterinarians and to provide an education in the sciences, basic to veterinary and biomedical research.</p>	<p>To apply for direct entry into the four year Bachelor of Veterinary Science you must have completed a first year of an approved science course taking Biology, Chemistry and Physics equivalent to those subjects offered in the first year of the University of Melbourne's Bachelor of Science. See http://www.vet.unimelb.edu.au/Future_Student/local_entry.html for more information.</p> <p>Academic merit is assessed particularly with reference to performance in the prerequisite subjects but the whole academic record is also considered. No preference is given to graduates over non-graduates.</p>	<p>University of Melbourne, Parkville and Werribee</p>

Animal Trainer

Animal trainers train animals for a wide range of reasons. Some trainers work with large animals such as elephants, lions, or dolphins to train them to perform in front of large groups of people. Others train dogs or other small pets to be more obedient at home. Some train horses or dogs to perform at competitions such as riding shows or dog shows. Trainers also work with dogs or monkeys to assist disabled persons in performing everyday tasks.

Employment opportunities are available with: animal shelters; zoos; marine parks; large animal services; and self employment (own business).

There are a small number of courses/qualifications at TAFE and university level you can undertake to become an Animal Trainer.

TAFE options - Animal Trainer	Entry requirements	Training providers
<p>Conduct Companion Animal Training Classes This unit is part of the Animal Care and Management Training Package. It covers the process of conducting training classes for companion animals and their owners.</p>	No minimum education.	Service and Hospitality Solutions Pty Ltd, Burwood
<p>Certificate III in Dog Behaviour and Training This course provides a balance of theory and hands-on dog training. It provides an understanding of animal behaviour and will teach you how to mould a dog's behaviour from an early age.</p>	No minimum education.	Precise Training Australia Pty Ltd, Boronia
University options - Animal Trainer		
<p>Bachelor of Science - Zoology Students enrolled in zoology subjects can learn a diversity of topics, ranging from the structure and function of the cells that make up animals, through anatomy and physiology, reproduction and development, evolution, ecology and behaviour.</p>	Some providers require Units 3 & 4, a study score of at least 20 in English (any) and a study score of 25 in mathematical methods (either) or specialist mathematics, and in one of biology, chemistry, psychology, physics, software development or specialist mathematics. ENTER: varies across providers.	University of Melbourne, Parkville Deakin University, Melbourne/Geelong LaTrobe University, Bundoora/Bendigo

Production (Farm Industry)

Farm Hand

Farm hands assist farmers and graziers with growing crops and/or feeding and raising livestock. A farm hand may perform the following tasks:

- cultivate soil, sow crops and control weeds by slashing, rotary hoeing or chemical spraying;
- plant ground crops between rows of trees and bushes to control weeds and soil temperatures;
- take part in harvesting operations using tractors, harvesters, forklifts and hand tools;
- feed livestock and poultry;
- prepare milking machinery and assist with milking operations;
- clear away animal waste and hose out operational areas;
- perform other tasks involved in the breeding and raising of livestock; and/or
- ride horses or motorbikes to muster sheep or cattle.

Employment opportunities are available with: farms and at an animal shelter with farm animals.

There are a large number of courses/qualifications at TAFE and university level you can undertake to become a Farm Hand.

TAFE options - Farm Hand	Entry requirements	Training providers
Certificate I in Rural Operations This qualification is part of the Rural Production Training Package. It develops basic skills and knowledge for a chosen farming stream.	No minimum education.	Bendigo Regional Institute of TAFE, Bendigo Centre for Continuing Education Inc, Benalla Gordon Institute of TAFE, East Geelong
Certificate II in Rural Operations This qualification forms part of the Rural Production Training Package. It provides training in areas to help develop a range of skills linking agriculture, horticulture and conservation land management with areas such as tourism, hospitality, metals & engineering, transport and distribution.	Year 10 or equivalent.	Bendigo Regional Institute of TAFE, Bendigo Kunexion, Taradale Sunraysia Institute of TAFE, Mildura, Swan Hill, Mallee and Robinvale The Factory - Building Your Future, Shepparton and Bendigo University of Ballarat, Shepparton and SMB-Ballarat Wodonga Institute of TAFE, Wodonga

TAFE options - Farm Hand	Entry requirements	Training providers
<p>Certificate III in Rural Operations This qualification forms part of the Rural Production Training Package. It provides training in a wide range of areas to help you develop a range of skills linking agriculture, horticulture and conservation land management with areas such as tourism, hospitality, metals and engineering, transport and distribution.</p>	<p>Year 10 or equivalent; some providers have no minimum education requirements, but do require industry employment.</p>	<p>Bendigo Regional Institute of TAFE, Bendigo South West Institute of TAFE, Warrnambool University of Ballarat, SMB-Ballarat Wodonga Institute of TAFE, Wodonga</p>
<p>Certificate II in Agriculture This qualification is part of the Rural Production Training Package. It is designed by the agriculture sector to develop skills for employment as a farmhand including workplace health and safety, farm maintenance, chemical application, animal husbandry and machinery and equipment operation.</p>	<p>Year 10 or equivalent; or mature age entry; or relevant employment.</p>	<p>Bendigo Regional Institute of TAFE, Bendigo, Echuca and Charleston Road East Gippsland Institute of TAFE, Bairnsdale, Farmtech Education Centre and Outreach Centres Education Centre Gippsland, Warragul Goulburn Ovens Institute of TAFE, Northern Victoria (Dookie), Warragul, Leongatha and Western Victoria (Terang) Murray Mallee Training Company Ltd, Swan Hill Rural Industries Skill Training Centre Inc, Hamilton South West Institute of TAFE, Warrnambool Sunraysia Institute of TAFE, Mildura, Mallee, Robinvale and Swan Hill. The Factory - Building Your Future, Shepparton and Bendigo</p>

TAFE options - Farm Hand	Entry requirements	Training providers
<p>Certificate III in Agriculture This qualification is part of the Rural Production Training Package. It is for people who want to work as competent farmhands.</p>	<p>Year 10 and relevant employment; or an apprenticeship. Requirements vary between providers.</p>	<p>Bendigo Regional Institute of TAFE, Bendigo and Echuca Gordon Institute of TAFE, East Geelong and Colac Goulburn Ovens Institute of TAFE, Northern Victoria (Dookie), Warragul, Leongatha, Western Victoria (Terang) and Wangaratta Murray Mallee Training Company Ltd, Swan Hill Northern Melbourne Institute of TAFE, Epping Rural Industries Skill Training Centre Inc, Hamilton South West Institute of TAFE, Warrnambool Sunraysia Institute of TAFE, Mildura, Mallee, Swan Hill and Robinvale University of Ballarat, SMB-Ballarat Workco Limited, Longerenong College and Horsham</p>
<p>Certificate III in Agriculture - Beef Production This qualification is part of the Rural Production Training Package, Beef Production stream, and provides training for employment as a Senior Farm or Station Hand. A Senior Farm or Station Hand is a skilled worker and is involved in coordinating a wide range of beef cattle and property operations.</p>	<p>Year 10 or equivalent.</p>	<p>Education Centre Gippsland, Warragul Gordon Institute of TAFE, East Geelong Murray Mallee Training Company Ltd, Swan Hill Northern Melbourne Institute of TAFE, Epping South West Institute of TAFE, Warrnambool</p>

TAFE options - Farm Hand	Entry requirements	Training providers
<p>Certificate III in Agriculture - Dairy Production This qualification is part of the Agriculture Training Package—Dairy stream—and provides training at a supervisory level in the dairy industry. It combines hands-on farm work experience with class theory—aimed at producing a high quality labour force capable of running a dairy farm under instruction but without supervision.</p>	<p>Full time employment on a dairy farm, plus literacy and numeracy skills.</p>	<p>East Gippsland Institute of TAFE, Bairnsdale, Farmtech Education Centre and Outreach Centres Education Centre Gippsland, Warragul Goulburn Ovens Institute of TAFE, Northern Vic. (Dookie), East Geelong, Leongatha and Western Vic. (Terang) Murray Mallee Training Company Ltd, Swan Hill South West Institute of TAFE, Warrnambool and Hamilton</p>
<p>Certificate III in Agriculture - Goat Production This qualification is part of the Rural Production Training Package - Goat Production stream, and provides agricultural training specialising in the field of goat production.</p>	<p>No minimum education.</p>	<p>Northern Melbourne Institute of TAFE, Epping</p>
<p>Certificate III in Agriculture - Grain Production This qualification is part of the Rural Production Training Package—Grain Production stream—and provides training for employment as a farm overseer.</p>	<p>No minimum education.</p>	<p>Bendigo Regional Institute of TAFE, Bendigo Murray Mallee Training Company Ltd, Swan Hill Northern Melbourne Institute of TAFE, Epping South West Institute of TAFE, Warrnambool</p>
<p>Certificate III in Agriculture - Milk Harvesting This qualification is part of the Rural Production Training Package and provides intermediate level entry to the milk harvesting sector of the dairy industry.</p>	<p>No minimum education.</p>	<p>Murray Mallee Training Company Ltd, Swan Hill</p>

TAFE options - Farm Hand	Entry requirements	Training providers
<p>Certificate III in Agriculture - Pig Production This qualification is part of the Rural Production Training Package, Pig Production stream, and provides training for employment as a senior piggery attendant. A senior piggery attendant is involved in a wide range of piggery/operations and carries out daily production unit routines unsupervised.</p>	No minimum education.	Murray Mallee Training Company Ltd, Swan Hill Workco Limited, Longerenong College and Horsham
<p>Certificate III in Agriculture - Poultry Production This qualification is part of the Rural Production Training Package - Poultry Production stream, and provides training for employment as a senior poultry hand. A senior poultry hand is involved in co-ordinating a wide range of poultry production operations.</p>	No minimum education.	Workco Limited, Longerenong College and Horsham
<p>Certificate III in Agriculture - Sheep and Wool Production This qualification is part of the Rural Production Training Package - Sheep and Wool stream, and provides training for employment as a senior farm or station hand. People in this role will be involved in coordinating a wide range of activities associated with sheep and wool production.</p>	No minimum education.	Murray Mallee Training Company Ltd, Swan Hill Northern Melbourne Institute of TAFE, Epping South West Institute of TAFE, Warrnambool
<p>Certificate III in Irrigation This qualification is part of the Rural Production Training Package. Training is provided in all aspects of irrigated agriculture including landforming, the properties of soils and other growing media.</p>	No minimum education; relevant employment required.	Northern Melbourne Institute of TAFE, Epping Sunraysia Institute of TAFE, Robinvale, Mildura and Swan Hill Swinburne University of Technology, TAFE Wantirna

TAFE options - Farm Hand	Entry requirements	Training providers
<p>Certificate III in Rural Operations This qualification forms part of the Rural Production Training Package. It provides training in a wide range of areas to help you develop a range of skills linking agriculture, horticulture and conservation land management with areas such as tourism, hospitality, metals and engineering, transport and distribution.</p>	<p>Year 10 or equivalent; some providers have no minimum education requirements, but do require industry employment.</p>	<p>Bendigo Regional Institute of TAFE, Bendigo South West Institute of TAFE, Warrnambool University of Ballarat, SMB-Ballarat Wodonga Institute of TAFE, Wodonga</p>
<p>Diploma of Sustainable Agriculture This course is designed for farmers to be able to adapt to sustainable farming principles including soil and water management and development of biodiversity.</p>	<p>No minimum education. Recommended: Relevant agricultural industry experience or school based vocational studies relating to agriculture.</p>	<p>Bendigo Regional Institute of TAFE, Bendigo and Echuca Education Centre Gippsland, Warragul South West Institute of TAFE, Glenormiston</p>
<p>Farm Chemical Application (Training Program) This Training Program draws on units from the Rural Production training package Certificate III in Agriculture. Completion of this course is an essential requirement to gain an Agricultural Chemical User's Permit (ACUP) in the primary industries.</p>	<p>No minimum education.</p>	<p>Chisholm Institute, Rosebud and Cranbourne East Gippsland Institute of TAFE, Farmtech Education Centre Education Centre Gippsland, Warragul Northern Melbourne Institute of TAFE, Ararat University of Ballarat, Horsham</p>

University options - Farm Hand	Entry requirements	Training providers
<p>Bachelor of Animal and Veterinary Biosciences This course is a broad biology-based program leading to specialised studies in:</p> <ul style="list-style-type: none"> • Animal structure • Metabolism • Reproduction: breeding and biotechnology • Genetics • Ecology • Behaviour • Animal Nutrition • Animal Health • The impact of man on animals. 	<p>ENTER 70.20</p> <p>Applicants who have successfully completed any of the following studies will be deemed to have an ENTER 1.5 points higher to a maximum of three points: Biology, Chemistry, Mathematical Methods, Physics, or Specialist Mathematics. . VCE Units 3 & 4: English (any).</p> <p>Performance in prerequisite studies will be considered</p>	LaTrobe University, Bundoora
<p>Bachelor of Agricultural Science/Business This double degree allows students combine the practical, career-oriented Agricultural Science degree with the business and management skills of the Bachelor of Business, giving them a powerful set of capabilities for the agricultural industries.</p>	<p>ENTER 80.10</p> <p>Middle Band: Applicants who have successfully completed any of the following studies will be deemed to have an ENTER 1.5 points higher for a maximum of three points: Agriculture and Horticulture, Biology, Chemistry, Mathematical Methods, Physics or Specialist. VCE Units 1 & 2: General Mathematics or Mathematical Methods (either). VCE Units 3 & 4: a study score of at least 25 in English (any).</p> <p>Non-Year 12 applicants may complete the VTAC Pi form. Special Entry Access Scheme (SEAS) forms are also available from VTAC and the Faculty.</p>	LaTrobe University, Bundoora

University options - Farm Hand	Entry requirements	Training providers
<p>Bachelor of Agricultural Science This professional degree focuses on sustainable land and animal management and practice, and on the sciences relevant to the understanding of primary production, resource management and agribusiness.</p>	<p>Albury-Wodonga: ENTER 53.90 Bendigo: ENTER 53.60 Bundoora: ENTER 51.50</p> <p>Non Year 12 applicants may complete the VTAC Pi form. Special Entry Access Scheme (SEAS) forms are also available from VTAC and the Faculty.</p> <p>VCE Units 3 & 4: English (any).</p> <p>Middle Band: Applicants who have completed the following studies will be deemed to have an ENTER 1.5 points higher for each study, up to a maximum of 3 points: Biology, Chemistry, Mathematical Methods, Physics, Specialist Mathematics, Agriculture and Horticulture. In addition, re-ranking is based on criteria associated with the LaTrobe University Rural and Regional Student Access Scheme. Performance in prerequisite studies will be considered.</p>	<p>LaTrobe University, Bundoora, Bendigo and Albury-Wodonga</p>

University options - Farm Hand	Entry requirements	Training providers
<p>Bachelor of Agricultural Science/International Development This double degree provides graduates with an understanding of the scientific processes involved in agricultural management and practice, and of the political and social requirements for international development.</p>	<p>ENTER 93.10</p> <p>VCE units 3 and 4; a study score of at least 25 in English (any).</p> <p>Non Year 12 applicants may complete the VTAC Pi form. Special Entry Access Scheme (SEAS) forms are also available from VTAC and the Faculty.</p> <p>Middle Band: Applicants who have successfully completed any of the following studies will be deemed to have an ENTER 1.5 points higher for a maximum of three points: Agriculture and Horticulture, Biology, chemistry, Mathematical Methods, Physics or Specialist Mathematics.</p>	LaTrobe University, Bundoora
<p>Bachelor of Agriculture The Bachelor of Agriculture teaches you to apply the principles and knowledge of science, economics and management of natural resources for agricultural purposes.</p>	<p>Units 1 and 2 - one of General Mathematics or Mathematical Methods. Units 3 and 4 - a study score of at least 25 in English/English Language/Literature or at least 30 in ESL.</p> <p>Non Year 12: Entire academic record including grade point average (GPA), and relevant work experience.</p> <p>Middle Band: Completion of Units 3 and 4 mathematics (any) = an aggregate up to 4 points higher. Consideration will be given to relevant work experience and to Access Melbourne applicants.</p>	University of Melbourne, Parkville and Dookie

University options - Farm Hand	Entry requirements	Training providers
<p>Bachelor of Agricultural Science The Bachelor of Agricultural Science equips graduates with scientific knowledge and skills in the principles of agricultural production and sustainable resource management.</p>	<p>Mathematics Applied MAP5C (or higher, or a TCE score of 80 or more) and Chemistry CHM5C.</p>	<p>University of Tasmania, Hobart</p>
<p>Bachelor of Applied Science (Agriculture) (S3B) This course gives students an opportunity to acquire knowledge and skills suited to the needs of a professional agriculturalist or horticulturalist.</p>	<p>For most courses you will be assessed solely on your Year 12 results.</p>	<p>University of Tasmania, Hobart</p>
<p>Bachelor of Science - Agriculture Science Major Agricultural Science is the study and management of systems used in the sustainable production of food and fibre. Biology, chemistry, and mathematics / statistics underpin this major, but are also integrated into a wider economic, social, and environmental context to address often complex problems in agriculture, agribusinesses, research and development organisations, environmental and business consulting firms, and government and policy agencies.</p>	<p>Some providers require Units 3 & 4, a study score of at least 20 in English (any) and a study score of 25 in mathematical methods (either) or specialist mathematics, and in one of biology, chemistry, psychology, physics, software development or specialist mathematics.</p> <p>ENTER: 80</p>	<p>University of Melbourne, Parkville and Dookie</p>

Farmer / Farm Manager

Employment opportunities are available with: farms; and at an animal shelter with farm animals.

There are a large number of courses/qualifications at TAFE and university level you can undertake to become a Farm Manager.

TAFE options - Farmer/Farm Manager	Entry requirements	Training providers
<p>Advanced Diploma of Agriculture This course is part of the Rural Production Training Package. It is designed for farm managers and consultants. You will learn about agribusiness management. The course covers the key areas of financial, physical and human resource management. You will also learn how to use benchmarking and research to improve the profitability and sustainability of agribusinesses.</p>	Year 12; or certificate III; or mature age entry; or interview.	<p>Education Centre Gippsland, Warragul</p> <p>Goulburn Ovens Institute of TAFE, Northern Victoria (Dookie)</p> <p>Northern Melbourne Institute of TAFE, Epping</p> <p>Workco Limited, Longerenong College and Horsham</p>
<p>Advanced Diploma of Agriculture - Dairy This course is part of the Rural Production Training Package. It is designed for farm managers and consultants. You will learn about agribusiness management. The course covers the key areas of financial, physical and human resource management.</p>	Year 12; or certificate III; or mature age entry; or interview.	Goulburn Ovens Institute of TAFE, Northern Victoria (Dookie)
<p>Advanced Diploma of Rural Business Management This qualification is part of the Rural Production Training Package. It is for business managers in the agricultural industry with technical and managerial expertise who wish to develop advanced business knowledge and skills.</p>	Year 12 or equivalent; or certificate III in agriculture; or mature age entry; or relevant employment experience.	<p>Education Centre Gippsland, Warragul</p> <p>Northern Melbourne Institute of TAFE. Epping</p> <p>South West Institute of TAFE, Glenormiston</p>

TAFE options - Farmer/Farm Manager	Entry requirements	Training providers
<p>Certificate IV in Rural Business This qualification is part of the Rural Production Training Package. It provides training for employment as a farm overseer.</p>	<p>Certificate III in Rural Business; or significant relevant work experience.</p>	<p>Northern Melbourne Institute of TAFE, Epping South West Institute of TAFE, Warrnambool Sunraysia Institute of TAFE, Swan Hill, Mildura, Mallee and Robinvale Workco Limited, Longerenong College and Horsham Centre for Continuing Education Inc, Benalla</p>
<p>Diploma of Agriculture This qualification is part of the Rural Production Training Package, General stream, and provides professional education and training for employment as wool buyers, exporters, overseers and managers of agriculture and pastoral enterprises.</p>	<p>Year 12 or equivalent; or mature age entry.</p>	<p>Education Centre Gippsland, Leongatha Gordon Institute of TAFE, East Geelong Goulburn Ovens Institute of TAFE, Northern Victoria (Dookie), Warragul, Leongatha and Western Victoria (Terang) Northern Melbourne Institute of TAFE, Epping Rural Industries Skill Training Centre Inc, Hamilton South West Institute of TAFE, Glenormiston</p>
<p>Diploma of Agriculture - Dairy Production This qualification is from the Rural Production Training Package. It has been designed to provide the knowledge and skills required to manage a dairy farming operation.</p>	<p>Certificate IV in Agriculture.</p>	<p>Goulburn Ovens Institute of TAFE, Warragul</p>
<p>Diploma of Rural Business Management This qualification is part of the Rural Production Training Package. It aims to provide the skills, knowledge and aptitude to effectively and efficiently own and operate or manage an agricultural enterprise.</p>	<p>No minimum education. Some providers require certificate III or significant industry experience.</p>	<p>Northern Melbourne Institute of TAFE, Epping South West Institute of TAFE, Glenormiston Sunraysia Institute of TAFE, Swan Hill, Mildura, Mallee and Robinvale Workco Limited, Horsham & Longerenong College</p>

TAFE options - Farmer/Farm Manager	Entry requirements	Training providers
<p>Lifetime Ewe Management (Training Program) This Training Program is made up of units from the Rural Production Training Package. It focuses specifically on the health issues associated with the Merino ewe and develops participants' skills in sheep assessment and feed budgeting.</p>	No minimum education.	Rural Industries Skill Training Centre Inc, Hamilton
<p>Managing Pasture Improvement for Livestock Nutrition (Training Program) This Training Program is made up of units from the Rural Production Training Package. It covers topics including control of weeds, particularly bent weed, as well as mineral nutrition of grazing livestock and summer nutrition of beef cattle.</p>	No minimum education requirements.	Rural Industries Skills Training Centre Inc, Hamilton
<p>Managing Sheep Health (Training Program) This Training Program is made up of units from the Rural Production Training Package. The workshop has been specifically designed to equip the producer with the skills needed to develop a management plan that incorporates sheep health and fertility strategies.</p>	No minimum education.	Rural Industries Skill Training Centre Inc, Hamilton

University options - Farmer/Farm Manager	Entry requirements	Training providers
<p>Bachelor of Agricultural Science/Business This double degree allows students combine the practical, career-oriented Agricultural Science degree with the business and management skills of the Bachelor of Business, giving them a powerful set of capabilities for the agricultural industries.</p>	<p>ENTER 80.10</p> <p>Middle Band: Applicants who have successfully completed any of the following studies will be deemed to have an ENTER 1.5 points higher for a maximum of three points: Agriculture and Horticulture, Biology, Chemistry, Mathematical Methods, Physics or Specialist . VCE Units 1 & 2: General Mathematics or Mathematical Methods (either). VCE Units 3 & 4: a study score of at least 25 in English (any).</p> <p>Non-Year 12 applicants may complete the VTAC Pi form. Special Entry Access Scheme (SEAS) forms are also available from VTAC and the Faculty.</p>	LaTrobe University, Bundoora
<p>Bachelor of Agricultural Science This professional degree focuses on sustainable land and animal management and practice, and on the sciences relevant to the understanding of primary production, resource management and agribusiness.</p>	<p>Albury-Wodonga: ENTER 53.90 Bendigo: ENTER 53.60 Bundoora: ENTER 51.50</p> <p>Non Year 12 applicants may complete the VTAC Pi form. Special Entry Access Scheme (SEAS) forms are also available from VTAC and the Faculty.</p> <p>VCE Units 3 & 4: English (any).</p> <p>Middle Band: Applicants who have completed the following studies will be deemed to have an ENTER 1.5 points higher for each study, up to a maximum of 3 points: Biology, Chemistry, Mathematical Methods, Physics, Specialist Mathematics, Agriculture and Horticulture. In addition, re-ranking is based on criteria associated with the LaTrobe University Rural and Regional Student Access Scheme. Performance in prerequisite studies will be considered.</p>	LaTrobe University, Bundoora, Bendigo and Albury-Wodonga

University options - Farmer/Farm Manager	Entry requirements	Training providers
<p>Bachelor of Agricultural Science/International Development This double degree provides graduates with an understanding of the scientific processes involved in agricultural management and practice, and of the political and social requirements for international development.</p>	<p>ENTER 93.10</p> <p>VCE units 3 and 4; a study score of at least 25 in English (any).</p> <p>Non Year 12 applicants may complete the VTAC Pi form. Special Entry Access Scheme (SEAS) forms are also available from VTAC and the Faculty.</p> <p>Applicants who have successfully completed any of the following studies will be deemed to have an ENTER 1.5 points higher for a maximum of three points: Agriculture and Horticulture, Biology, chemistry, Mathematical Methods, Physics or Specialist Mathematics.</p>	LaTrobe University, Bundoora
<p>Bachelor of Agriculture The Bachelor of Agriculture teaches you to apply the principles and knowledge of science, economics and management of natural resources for agricultural purposes.</p>	<p>Units 1 and 2 - one of General Mathematics or Mathematical Methods. Units 3 and 4 - a study score of at least 25 in English/English Language/Literature or at least 30 in ESL.</p> <p>Non Year 12: Entire academic record including grade point average (GPA), and relevant work experience.</p> <p>Middle Band: Completion of Units 3 and 4 mathematics (any) = an aggregate up to 4 points higher. Consideration will be given to relevant work experience and to Access Melbourne applicants.</p>	University of Melbourne, Parkville and Dookie
<p>Bachelor of Agricultural Science The Bachelor of Agricultural Science equips graduates with scientific knowledge and skills in the principles of agricultural production and sustainable resource management.</p>	<p>Mathematics Applied MAP5C (or higher, or a TCE score of 80 or more) and Chemistry CHM5C.</p>	University of Tasmania, Hobart

University options - Farmer/Farm Manager	Entry requirements	Training providers
<p>Bachelor of Applied Science (Agriculture) (S3B) This course gives students an opportunity to acquire knowledge and skills suited to the needs of a professional agriculturalist or horticulturalist.</p>	<p>For most courses you will be assessed solely on your Year 12 results.</p>	<p>University of Tasmania, Hobart</p>
<p>Bachelor of Science - Zoology Students enrolled in zoology subjects can learn a diversity of topics, ranging from the structure and function of the cells that make up animals, through anatomy and physiology, reproduction and development, evolution, ecology and behaviour.</p>	<p>Some providers require Units 3 and 4 - a study score of at least 20 in English (any) and a study score of 25 in mathematical methods (either) or specialist mathematics, and in one of biology, chemistry, psychology, physics, software development or specialist mathematics.</p> <p>ENTER: varies across providers</p>	<p>University of Melbourne, Parkville Deakin University, Melbourne/Geelong LaTrobe University, Bundoora/Bendigo</p>
<p>Bachelor of Environments This qualification acts as a passport to a range of career and postgraduate study opportunities. Graduates are likely to progress to careers in areas such as environmental planning & consultancy, land & resource management, building & construction, landscape design & construction, surveying, conservation, environmental campaigning, corporate responsibility, and agriculture. As part of this degree, students can choose units such as 'Animals in Society' which examines and evaluates society's use of domestic animals, and highlights the ethical, scientific and economic impact of human interactions with animals in production, research and amenity systems.</p>	<p>VCE Units 3 and 4, a study score of at least 25 in English (any) or equivalent.</p> <p>IB - English Grade 5 Standard Level or Grade 4 Higher Level.</p>	<p>University of Melbourne, Parkville</p>

University options - Farmer/Farm Manager	Entry requirements	Training providers
<p>Bachelor of Science - Agriculture Science Major Agricultural Science is the study and management of systems used in the sustainable production of food and fibre. Biology, chemistry, and mathematics / statistics underpin this major, but are also integrated into a wider economic, social, and environmental context to address often complex problems in agriculture, agribusinesses, research and development organisations, environmental and business consulting firms, and government and policy agencies.</p>	<p>Some providers require Units 3 & 4, a study score of at least 20 in English (any) and a study score of 25 in mathematical methods (either) or specialist mathematics, and in one of biology, chemistry, psychology, physics, software development or specialist mathematics.</p> <p>ENTER: 80</p>	<p>University of Melbourne, Parkville and Dookie</p>

Fish Farm Hand / Aquaculture Technician

Aquaculture is the sector of the seafood industry which involves the farming of seafood and its products.

Employment opportunities are available with: Department of Fisheries; Aquaculture industry sectors; trout farms; native fish or crustacean establishments; abalone farms; and ornamental fish enterprises at a variety of levels from farm hand to managerial level.

There are a number of courses/qualifications at TAFE and university level you can undertake to become a Fish Farm Hand or Aquaculture Technician.

TAFE options - Fish Farm Hand / Aquaculture Technician	Entry requirements	Training providers
Certificate I in Seafood Industry - Aquaculture This qualification forms part of the Seafood Industry Training Package. It is an entry level course for the aquaculture industry.	No minimum education.	East Gippsland Institute of TAFE, SEAMEC Maritime Centre
Certificate II in Seafood Industry - Aquaculture This qualification is part of the Seafood Training Package and represents the base entry point into the aquaculture sector of the seafood industry.	Relevant employment.	East Gippsland Institute of TAFE, SEAMEC Maritime Centre Northern Melbourne Institute of TAFE, Epping South West Institute of TAFE, Warrnambool
Certificate III in Seafood Industry - Aquaculture This qualification is part of the Seafood Industry Training Package and represents the competencies relevant to people working in the aquaculture sector of the seafood industry in the capacity of a skilled worker or leading hand.	No minimum education.	East Gippsland Institute of TAFE, SEAMEC Maritime Centre Northern Melbourne Institute of TAFE, Epping South West Institute of TAFE, Warrnambool

TAFE options - Fish Farm Hand / Aquaculture Technician	Entry requirements	Training providers
<p>Certificate III in Seafood Industry - Seafood Sales and Distribution This qualification is part of the Seafood Industry Training Package and represents the competencies relevant to people working in the sales and distribution sector of the seafood industry in the capacity of a skilled employee.</p>	Certificate II or equivalent; relevant employment experience.	South West Institute of TAFE, Warrnambool
<p>Certificate IV in Seafood Industry - Aquaculture This qualification is from the Seafood Industry Training Package. It represents the competencies relevant to people working in the aquaculture sector of the seafood industry in the capacity of a supervisor, technical manager and/or specialist.</p>	No minimum education; relevant employment.	Northern Melbourne Institute of TAFE, Epping South West Institute of TAFE, Warrnambool
<p>Diploma of Seafood Industry - Aquaculture This qualification is part of the Seafood Industry Training Package. It will enable you to develop the skills and underpinning knowledge to be able to operate in the aquaculture sector of the seafood industry as an operations manager with a wide range of technical skills and/or managerial, coordination and planning responsibilities.</p>	Year 12 or equivalent; or Certificate III.	Northern Melbourne Institute of TAFE, Epping

University options - Fish Farm Hand / Aquaculture Technician	Entry requirements	Training providers
<p>Bachelor of Science - Zoology Students enrolled in zoology subjects can learn a diversity of topics, ranging from the structure and function of the cells that make up animals, through anatomy and physiology, reproduction and development, evolution, ecology and behaviour.</p>	<p>Some providers require Units 3 and 4 - a study score of at least 20 in English (any) and a study score of 25 in mathematical methods (either) or specialist mathematics, and in one of biology, chemistry, psychology, physics, software development or specialist mathematics.</p> <p>ENTER: varies across providers</p>	<p>University of Melbourne, Parkville</p> <p>Deakin University, Melbourne/Geelong</p> <p>LaTrobe University, Bundoora/Bendigo</p>
<p>Bachelor of Science - Biological Sciences Biological Sciences covers the areas of ecology, ecotoxicology, marine biology and aquaculture, environmental biotechnology and molecular agriculture. The program uses the core knowledge and techniques of plant and animal identification along with molecular biology, genetics, biological chemistry and microbiology.</p>	<p>Current Year 12 prerequisite units 3 & 4—English (any) and one of Mathematical Methods (either) or Specialist Mathematics.</p> <p>Non-Year 12 applicants are encouraged to apply and may be required to have relevant employment or evidence of experience and/or ability to meet the demands of the program.</p> <p>Equity admissions schemes.²</p>	<p>RMIT University, Melbourne</p>
<p>Bachelor of Environmental Science (Freshwater Biology and Management) The Bachelor of Environmental Science (Freshwater Biology and Management) is a course of study designed to provide theoretical and practical expertise in a range of biological, ecological and environmental processes and issues in the freshwater environment.</p>	<p>Units 3 and 4 - a study score of at least 20 in English.</p>	<p>Deakin University, Warnambool</p>

² RMIT understands that people's backgrounds and circumstances can affect their access to education and training. RMIT's equity admissions schemes allow applicants to explain the circumstances that have adversely affected their education, and demonstrate their capacity for future academic success.

University options - Fish Farm Hand / Aquaculture Technician	Entry requirements	Training providers
<p>Bachelor of Applied Science (Environmental Management) The new Environmental Management program has been revised to provide broader and more flexible offerings and better prepare graduates for employment in environmental and natural resource management. Students will gain a strong background in the biological sciences, with an emphasis on flora, fauna and ecology, and become knowledge of the principles and practices used in the management of natural ecosystems.</p>	<p>Satisfactory completion of the VCE, including prerequisites Units 3 and 4 Mathematics (any); interstate or overseas equivalent; Mature Age entry. International students will be required to sit the English Language Test.</p> <p>Non-year 12 applicants who apply via VTAC must complete and submit the VTAC PI form to VTAC with their application. Applicants required to attend an interview will be notified of the arrangements by telephone or mail.</p>	University of Ballarat, Mt Helen Campus, Ballarat
<p>Bachelor of Applied Science (Marine Environment) (J3T) This degree will prepare graduates for exciting careers in marine conservation and environmental management, fisheries and aquaculture, the tourism industry, shipping, the off-shore industries, non-governmental organizations and all levels of government, from local to global.</p>	<p>Satisfactory completion of Year 12 (TCE, VCE, HSC or equivalent), including English, Mathematics and a Science subject. A TER score of 60 or above is required for entry. Mature-age applicants with relevant experience may be given special consideration. It is an Australian Maritime Safety Authority (AMSA) requirement that all students undertaking practical work at sea undertake a medical assessment. Note that practical work at sea is not a requirement of this course.</p>	University of Tasmania, Launceston
<p>Associate Degree in Aquaculture (S2C) This course aims to produce aquaculture technicians who have a sound understanding of the scientific bases of aquaculture as well as advanced technical skills.</p>	<p>Satisfactory achievement (SA) or better in a minimum of two pre-tertiary 'C' subjects. There are no specific TCE subject prerequisites.</p>	University of Tasmania, Launceston

Equine Industry

Careers in the horse industry are mainly in the stud and stable management area. However there is scope for professional employment in other areas such as: education, equine service industries, journalism, merchandising, and stud and stable management.

Employment opportunities are available with: farms; stables; the racing industry; and self-employment (own business).

There are a number of courses/qualifications at TAFE and university level you can undertake to work within the horse industry.

TAFE options - Equine Industry	Entry requirements	Training providers
<p>Certificate I in Racing - Stablehand This qualification is part of the Racing Industry Training Package. It provides pre-employment training for entry to the occupation of stable hand.</p>	No minimum education.	Australian Training College Pty Ltd, Kilmore
<p>Certificate II in Racing - Stablehand This qualification is part of the Racing Industry Training Package.. The prime functions include the care of animals involving feeding, grooming, exercising, transporting and keeping the environment safe, clean and hygienic.</p>	No minimum education.	<p>Australian Training College Pty Ltd, Kilmore</p> <p>Bendigo Regional Institute of TAFE, Bendigo</p> <p>East Gippsland Institute of TAFE, Farmtech Education Centre</p> <p>Education Centre Gippsland, Warragul</p> <p>Goulburn Ovens Institute of TAFE, Wangaratta</p> <p>Racing Victoria Limited, Flemington</p> <p>South West Institute of TAFE, Glenormiston and Warrnambool</p> <p>University of Ballarat, SMB-Ballarat and Horsham</p>

TAFE options - Equine Industry	Entry requirements	Training providers
<p>Certificate III in Racing - Advanced Stablehand This qualification is from the Racing Industry Training Package. An advanced stablehand or stable foreman takes charge of daily operations in a thoroughbred or harness racing stable.</p>	<p>Pre-requisite units: Perform basic riding or driving tasks; Apply Occupational Health and Safety procedures in horse codes; Handle horses safely; Work effectively in the thoroughbred or standard code of the racing industry; Care for horses.</p> <p>Relevant industry experience and/or training.</p>	<p>Australian Training College Pty Ltd, Kilmore Australian Vocational Training and Employment Services, Warrnambool Bendigo Regional Institute of TAFE, Bendigo East Gippsland Institute of TAFE, Farmtech Education Centre Education Centre Gippsland, Warragul Northern Melbourne Institute of TAFE), Epping Racing Victoria Limited, Flemington South West Institute of TAFE, Warrnambool University of Ballarat, SMB-Ballararat and Horsham</p>
<p>Certificate II in Equine Industry This course aims to provide access to employment opportunities in the equine or equine related industries, principally as stable or stud hand or as an assistant. It also aims to provide articulation options for further study in this industry.</p>	<p>No minimum education.</p>	<p>Bendigo Regional Institute of TAFE, Bendigo Djerriwarrh Employment and Education Services Inc, Melton East Gippsland Institute of TAFE, Farmtech Education Centre Education Centre Gippsland, Warragul Goulburn Ovens Institute of TAFE, Wangaratta South West Institute of TAFE, Glenormiston</p>

TAFE options - Equine Industry	Entry requirements	Training providers
<p>Certificate III in Agriculture - Horse Breeding This qualification is part of the Rural Production Training Package. It is for people who want to be stablehands, senior stud hands or grooms in the horse breeding industry. Students will learn how to handle and care for breeding horses in commercial enterprises while working under minimum supervision.</p>	No minimum education.	<p>Box Hill Institute of TAFE, Elgar Goulburn Ovens Institute of TAFE, Wangaratta</p>
<p>Certificate III in Racing - Advanced Stablehand This qualification is from the Racing Industry Training Package. An advanced stablehand or stable foreman takes charge of daily operations in a thoroughbred or harness racing stable.</p>	<p>Pre-requisite units: Perform basic riding or driving tasks; Apply Occupational Health and Safety procedures in horse codes; Handle horses safely; Work effectively in the thoroughbred or standard code of the racing industry; Care for horses. Relevant industry experience and/or training.</p>	<p>Australian Training College Pty Ltd, Kilmore Australian Vocational Training and Employment Services, Warrnambool Bendigo Regional Institute of TAFE, Bendigo East Gippsland Institute of TAFE, Farmtech Education Centre Education Centre Gippsland, Warragul Northern Melbourne Institute of TAFE, Epping Racing Victoria Limited, Flemington South West Institute of TAFE, Warrnambool University of Ballarat, SMB-Ballararat and Horsham</p>
<p>Diploma of Equine Stud Management This course relates to the knowledge and skills required for employment in the horse breeding industry. It is designed to provide stud owners and/or managers with people capable of undertaking the responsibilities and duties of a middle level manager in such establishments.</p>	<p>Pre-requisite: Handle Horses Safely.</p>	<p>Goulburn Ovens Institute of TAFE, Wangaratta Northern Melbourne Institute of TAFE, Epping</p>

TAFE options - Equine Industry	Entry requirements	Training providers
<p>Certificate IV in Stud and Stable Supervision This course is designed for students seeking employment in the horse industry. It is also relevant to mature age students who wish to increase their horse knowledge but who may not necessarily wish to work directly in the industry.</p>	No minimum education.	South West Institute of TAFE, Glenormiston
<p>Advanced Diploma of Horse Management This course is designed for people aspiring to manage horse enterprises such as studs, stables, and equestrian centres.</p>	Year 12 or equivalent; Mature age; Relevant experience.	South West Institute of TAFE, Glenormiston
<p>AEDP (Australian Equine Dental Practice) Certified Equine Dentist III Equine dentists specialise in caring for the teeth and mouths of horses and ponies.</p>	Application forms are sent on request. However, those who are contemplating a career are encouraged to E-mail first with details of their background and any questions. Each application will be considered on its merit but places cannot be guaranteed.	Australian Equine Dental Practice, Balwyn
<p>Certificate III in Farriery (Trade) Farriers inspect, trim and shape horses' hooves. They make, fit and nail horseshoes or, in the case of race horses, racing plates or 'tips'. The Certificate III in Farriery (Trade) delivers a comprehensive range of topics designed to provide the skills necessary for prospective employment in the horse industry as an accredited farrier.</p>	There are no formal educational prerequisites for entry into this course, however, it is expected that prospective students have basic literacy and numeracy skills equivalent to Year 9.	Northern Melbourne Institute of TAFE, Epping

University options - Equine Industry	Entry requirements	Training providers
<p>Bachelor of Science - Zoology Students enrolled in zoology subjects can learn a diversity of topics, ranging from the structure and function of the cells that make up animals, through anatomy and physiology, reproduction and development, evolution, ecology and behaviour.</p>	<p>Some providers require Units 3 and 4 - a study score of at least 20 in English (any) and a study score of 25 in mathematical methods (either) or specialist mathematics, and in one of biology, chemistry, psychology, physics, software development or specialist mathematics.</p> <p>ENTER: varies across providers.</p>	<p>University of Melbourne, Parkville Deakin University, Melbourne/Geelong LaTrobe University, Bundoora/Bendigo</p>
<p>Bachelor of Equine Studies The equine studies degree is a three year, science-based program that starts with core basic sciences and then proceeds to a comprehensive study of the specialised equine sciences; anatomy, behaviour, reproduction, nutrition, health, development, locomotion and exercise physiology. Developed knowledge is then applied to the management of reproducing, developing and performance horses.</p>	<p>Units 3 and 4 - mathematics (any) and one of biology or chemistry.</p>	<p>NMIT, Epping</p>

Law Enforcement

A range of government departments and organisations require individuals to be involved in animal management and law enforcement.

Employment opportunities are available with: wildlife/national parks; conservation societies; Parks Victoria; Australian Quarantine; Department of Health - Officer; Animal Cruelty Inspector; and AQUIS Detector Dogs.

There are a number of courses/qualifications at TAFE and university level you can undertake to work as a Law Enforcement Officer within animal management.

TAFE options - Law Enforcement	Entry requirements	Training providers
<p>Certificate IV in Animal Control and Regulation This qualification is from the Animal Care and Management Training Package. It is part of the Animal Care and Management Training Package and is the industry qualification for persons undertaking animal control and regulatory functions.</p>	Workplace access	<p>Northern Melbourne Institute of TAFE, Epping Warner Institute of Business, Moorabbin</p>
<p>Diploma of Conservation and Land Management Conservation and Land Management involves the use, maintenance, conservation and effective management of our natural resources including flora, fauna and water. Students have the opportunity to develop a broad knowledge in environmental science and specialise in the development of management strategies for the sustainable use of our resources.</p>	<p>Successful completion of Year 12 or recognised equivalent, or mature age. It is strongly recommended that applicants should have completed at least one VCE unit in each of English, Chemistry, Biology and Mathematics. Applicants without these or similar studies may require bridging studies. Applicants preferably need to show a commitment to Conservation and Land Management by involvement in practical work in a related area.</p>	<p>Swinburne University, Lilydale</p>

University options - Law Enforcement	Entry requirements	Training providers
<p>Bachelor of Environmental Science Environmental science involves the evaluation and management of all areas of the environment including the atmosphere (air), hydrosphere (oceans, rivers and lakes), biosphere (plants, animals and microorganisms) and the lithosphere (soil).</p>	<p>Mathematical Methods (either) or Specialist Mathematics.</p> <p>Non-Year 12 applicants are encouraged to apply and may be required to have relevant employment or evidence of experience and/or ability to meet the demands of the program.</p> <p>Equity admissions schemes.³</p>	RMIT University, Melbourne
<p>Bachelor of Environmental Science/Environment (Double Degree) Environmental science involves the evaluation and management of all areas of the environment, including the atmosphere (air), hydrosphere (oceans, rivers and lakes), biosphere (plants, animals and microorganisms) and the lithosphere (soil). On the social science side the main emphasis is on policies, law and environmental management, and the way that decisions about the environment are made. It is concerned with the way our society deals with the environment.</p>	<p>Current Year 12 prerequisite Units 3 & 4—English (any) and one of Mathematical Methods (either) or Specialist Mathematics.</p> <p>Non-Year 12 applicants are encouraged to apply and should either be currently employed in industry or have evidence of experience and/or ability to meet the demands of the program.</p> <p>Middle Band: Consideration given to the Environment/Environmental Science Information Form. Applicants who have successfully completed chemistry, biology, geography or physics with a study score of at least 30 = an aggregate up to 2 points higher per study, to a maximum of 6 points. Consideration may be given to the SEAS application.</p> <p>Selection mode non-Year 12: Form. Short-listed applicants only: interview.</p> <p>Selection procedures (Semester 1 2009 VTAC applicants).</p>	RMIT University, Melbourne

³ RMIT understands that people's backgrounds and circumstances can affect their access to education and training. RMIT's equity admissions schemes allow applicants to explain the circumstances that have adversely affected their education, and demonstrate their capacity for future academic success.

University options - Law Enforcement	Entry requirements	Training providers
	<p>Current Year 12 applicants must obtain an <i>Environment/Environmental Science Supplementary Information Form</i>. Applicants must submit a completed form by 19 December. Applicants can also request the form by telephone on 03 9925 2401.</p> <p>Non-Year 12 applicants must obtain an <i>Environment/Environmental Science Supplementary Information Form</i> or request by telephone on 03 9925 2401. Applicants must submit a completed Form by 1 December.</p>	
<p>Bachelor of Environmental Science/Business (Double Degree) Environmental science involves the evaluation and management of all areas of the environment including the atmosphere (air), hydrosphere (oceans, rivers and lakes), biosphere (plants, animals and microorganisms) and the lithosphere (soil). This degree develops scientists who can analyse the environment in different situations, then identify problems and monitor conditions.</p>	<p>Current Year 12 prerequisite Units 3 & 4—English (any) and Mathematical Methods (either) or Specialist Mathematics.</p> <p>Non-Year 12 applicants are encouraged to apply and may be required to have relevant employment or evidence of experience and/or ability to meet the demands of the program.</p> <p>Equity admissions schemes.⁴</p>	RMIT University, Melbourne

⁴ RMIT understands that people's backgrounds and circumstances can affect their access to education and training. RMIT's equity admissions schemes allow applicants to explain the circumstances that have adversely affected their education, and demonstrate their capacity for future academic success.

University options - Law Enforcement	Entry requirements	Training providers
<p>Bachelor of Conservation - Biology and Ecology Conservation Biology is of increasing importance on the world stage, to help limit the effects of environmental degradation and the loss of biodiversity, through sustaining species and the ecosystems on which they depend.</p>	ENTER: 70.85	LaTrobe University, Bundoora
<p>Bachelor of Science - Zoology Students enrolled in zoology subjects can learn a diversity of topics, ranging from the structure and function of the cells that make up animals, through anatomy and physiology, reproduction and development, evolution, ecology and behaviour.</p>	<p>Some providers require Units 3 and 4 - a study score of at least 20 in English (any) and a study score of 25 in mathematical methods (either) or specialist mathematics, and in one of biology, chemistry, psychology, physics, software development or specialist mathematics.</p> <p>ENTER: varies across providers</p>	<p>University of Melbourne, Parkville Deakin University, Melbourne/Geelong LaTrobe University, Bundoora/Bendigo</p>
<p>Bachelor of Wildlife and Conservation Biology Provides students with professional expertise in wildlife ecology, landscape and vegetation management, biodiversity, sustainability and conservation, animal biology, earth science and park management.</p>	<p>Units 3 and 4 - a study score of at least 25 in English (ESL) or 20 in any other English. Middle Band</p> <p>Consideration will be given to performance in English (any), mathematics (any), science (any), environmental studies, and to Deakin Access and Equity Program applicants.</p>	Deakin University, Melbourne

Animal and Environment Field Researcher

An environmental field researcher engages in theoretical and practical study of animals in their natural environment. Often this research focuses on animal behaviour and habitat conservation.

Employment opportunities are available with: universities; freelance/contract work; local councils; and environmental groups/organisations.

There are a number of courses/qualifications at TAFE and university level you can undertake to work as an Animal and Environment Field Researcher.

TAFE options - Animal & Environment Field Researcher	Entry requirements	Training providers
<p>Diploma of Conservation and Land Management</p> <p>Conservation and Land Management involves the use, maintenance, conservation and effective management of our natural resources including flora, fauna and water. Students have the opportunity to develop a broad knowledge in environmental science and specialise in the development of management strategies for the sustainable use of our resources.</p>	<p>Successful completion of Year 12 or recognised equivalent, or mature age. It is strongly recommended that applicants should have completed at least one VCE unit in each of English, Chemistry, Biology and Mathematics. Applicants without these or similar studies may require bridging studies. Applicants preferably need to show a commitment to Conservation and Land Management by involvement in practical work in a related area.</p>	<p>Swinburne University of Technology, Lilydale</p>

University options - Animal & Environment Field Researcher	Entry requirements	Training providers
<p>Bachelor of Environmental Science Environmental science involves the evaluation and management of all areas of the environment including the atmosphere (air), hydrosphere (oceans, rivers and lakes), biosphere (plants, animals and microorganisms) and the lithosphere (soil).</p>	<p>Mathematical Methods (either) or Specialist Mathematics.</p> <p>Non-Year 12 applicants are encouraged to apply and may be required to have relevant employment or evidence of experience and/or ability to meet the demands of the program.</p> <p>Equity admissions schemes.⁵</p>	RMIT University, Melbourne
<p>Bachelor of Environmental Science/Social Science (Environment) (Double Degree) Environmental science involves the evaluation and management of all areas of the environment, including the atmosphere (air), hydrosphere (oceans, rivers and lakes), biosphere (plants, animals and micro-organisms) and the lithosphere (soil). On the social science side the main emphasis is on policies, law and environmental management, and the way that decisions about the environment are made. It is concerned with the way our society deals with the environment.</p>	<p>Current Year 12 prerequisite Units 3 & 4—English (any) and one of Mathematical Methods (either) or Specialist Mathematics.</p> <p>Non-Year 12 applicants are encouraged to apply and should either be currently employed in industry or have evidence of experience and/or ability to meet the demands of the program.</p> <p>Middle Band: Consideration given to the Environment/Environmental Science Information Form. Applicants who have successfully completed chemistry, biology, geography or physics with a study score of at least 30 = an aggregate up to 2 points higher per study, to a maximum of 6 points. Consideration may be given to the SEAS application.</p> <p>Selection mode non-Year 12: Form. Short-listed applicants only: interview.</p> <p>Selection procedures (Semester 1 2009 VTAC applicants).</p>	RMIT University, Melbourne

⁵ RMIT understands that people's backgrounds and circumstances can affect their access to education and training. RMIT's equity admissions schemes allow applicants to explain the circumstances that have adversely affected their education, and demonstrate their capacity for future academic success.

University options - Animal & Environment Field Researcher	Entry requirements	Training providers
	<p>Current Year 12 applicants must obtain an <i>Environment/Environmental Science Supplementary Information Form</i>. Applicants must submit a completed form by 19 December. Applicants can also request the form by telephone on 03 9925 2401.</p> <p>Non-Year 12 applicants must obtain an <i>Environment/Environmental Science Supplementary Information Form</i> or request by phone on 03 9925 2401. Applicants must submit a completed Form by 1 Dec.</p>	
<p>Bachelor of Environmental Science/Business (Double Degree) Environmental science involves the evaluation and management of all areas of the environment including the atmosphere (air), hydrosphere (oceans, rivers and lakes), biosphere (plants, animals and microorganisms) and the lithosphere (soil). This degree develops scientists who can analyse the environment in different situations, then identify problems and monitor conditions.</p>	<p>Current Year 12 prerequisite: units 3 & 4—English (any) and Mathematical Methods (either) or Specialist Mathematics.</p> <p>Non-Year 12 applicants are encouraged to apply and may be required to have relevant employment or evidence of experience and/or ability to meet the demands of the program.</p> <p>Equity admissions schemes.⁶</p>	RMIT University, Melbourne
<p>Bachelor of Conservation - Biology and Ecology Conservation Biology is of increasing importance on the world stage, to help limit the effects of environmental degradation and the loss of biodiversity, through sustaining species and the ecosystems on which they depend.</p>	ENTER: 70.85	LaTrobe University, Bundoora

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University options - Animal & Environment Field Researcher	Entry requirements	Training providers
<p>Bachelor of Science - Zoology Students enrolled in zoology subjects can learn a diversity of topics, ranging from the structure and function of the cells that make up animals, through anatomy and physiology, reproduction and development, evolution, ecology and behaviour.</p>	<p>Some providers require Units 3 and 4 - a study score of at least 20 in English (any) and a study score of 25 in mathematical methods (either) or specialist mathematics, and in one of biology, chemistry, psychology, physics, software development or specialist mathematics. ENTER: varies across providers</p>	<p>University of Melbourne, Parkville Deakin University, Melbourne/Geelong LaTrobe University, Bundoora/Bendigo</p>
<p>Bachelor of Wildlife and Conservation Biology Provides students with professional expertise in wildlife ecology, landscape and vegetation management, biodiversity, sustainability and conservation, animal biology, earth science and park management.</p>	<p>Units 3 and 4 - a study score of at least 25 in English (ESL) or 20 in any other English. Middle Band: Consideration will be given to performance in English (any), mathematics (any), science (any), environmental studies, and to Deakin Access and Equity Program applicants.</p>	<p>Deakin University, Melbourne</p>
<p>Bachelor of Science - Environmental Sustainability The environmental sustainability major applies the principles of sustainable development to address the causes of environmental hazards. Importantly, understanding the relationship between local, global, social and ecological issues and the responsibility of the different groups in sustainability is a key component of this major, together with developing the scientific skills to address environmental sustainability in the future.</p>	<p>Units 3 and 4 - a study score of at least 20 in English (any) and a study score of 25 in mathematical methods (either) or specialist mathematics, and in one of biology, chemistry, psychology, physics, software development or specialist mathematics.</p>	<p>Swinburne University, Hawthorn</p>