

Advanced Diploma of Equine Management

Second-year subjects

204-251 Horse Health and Genetics

Availability: Glenormiston campus

Credit points: 12.5

Coordinator: Dr Peter Cakebread

Prerequisites: 204-152 Horse Form and Function and 204-155 Horse Nutrition and Feed Production.

Contact: Twenty-four hours lectures and 24 hours practical classes, tutorials and tours (*Semester 1*).

Description: Upon completion students should be able to:

- apply Mendelian genetic principles to the control of inherited faults and the selection of coat colour;
- apply quantitative genetic techniques to breeding programs;
- list and give the causes, describe the nature and progression and suggest treatment of common diseases;
- describe common diagnostic procedures;
- outline appropriate preventative measures for common diseases; and
- outline the obligations and responsibilities of the horse manager within the laws and regulations.

The content includes:

- applying Mendelian genetic principles to genetic faults and selection of coat colour;
- gene interactions;
- application of quantitative genetic principles to performance selection;
- progeny testing;
- breeding plans;
- signs of ill-health and the clinical examination of their nature and variation;
- cause and nature of diseases;
- laboratory tests and procedures;
- diagnostic tests, their uses and limitations;
- treatments and surgical procedures, principles of first aid;
- laws and regulations relating to horse health;
- role of the various forms of health services;
- exotic diseases; and
- disease prevention programs.

Assessment: One three-hour written examination worth 50% of final marks, two assignments equivalent to 2500 words and worth 25% of final marks each.

204-252 Equine Training

Availability: Glenormiston campus.

Credit points: 12.5

Coordinator: Ms Jane Williams

Prerequisites: 204-152 Horse Form and Function.

Contact: Twenty-four hours lectures and 24 hours practical classes, tutorials and tours (*Semester 1*).

Description: Upon completion of this subject students should be able to:

- describe and demonstrate the theory and practice of horse training;
- identify the factors and influences effecting the training of horses for a given discipline;
- develop an understanding of exercise physiology in relation to training horses;
- given a training program, to critically assess it with comparison to other methods; and
- given the common fields of training, discuss the specific requirements and demonstrate the basic skills required to carry out a training exercise.

The content includes:

- theory and practice of horse training (racing, equestrian, harness, stock-horse);
- assessment of stable facilities and equipment for training purposes;
- assessment of horses at various stages of training and the monitoring of their progress;
- stable routines;

- training programs (budgets, feed rations), use of new technology in training; and
- exercise physiology.

Assessment: One 2.5-hour written examination worth 40% of final marks, two assignments equivalent to 3000 words and worth 30% of final marks each.

204-253 Equine Systems

Availability: Glenormiston campus.

Credit points: 12.5

Coordinator: Dr Peter Cakebread

Prerequisites: 204-153 Equine Resources and 204-155 Horse Nutrition and Feed Production.

Contact: Twenty-four hours lectures and 24 hours practical classes, tutorials and tours (*Semester 2*).

Description: Upon completion of this subject, students should be able to:

- identify the factors and influences effecting the maintenance of a sustainable systems;
- describe the interactions between the management components of a stud and stable;
- recognise the influence on industry organisations and service providers to the stud and stable system;
- apply an understanding of systems to stud and stable management problems; and
- develop integrated strategies for specific system-based problems.

The content includes:

- systems approaches;
- ecological aspects of pastures for horses;
- establishment and maintenance of pastures;
- fodder conservation;
- assessment of reproductive performance;
- worm resistance control;
- integration of management;
- integration of management;
- the horse industry; and
- service providers.

Assessment: One three-hour written examination worth 50% of final marks, two assignments equivalent to 2500 words and worth 25% of final marks each.

204-254 Industry Experience (Horse)

Availability: Glenormiston campus.

Coordinator: Ms Donelda Conroy

Prerequisites: Nil.

Semester: Year long

Description: On completion of this subject students should be able to:

- identify and assess management plans and strategies for a horse enterprise;
- work effectively within enterprise organisational structure;
- demonstrate responsibility undertaking common tasks in a working environment; and
- identify the social, environmental and industrial issues involved in management strategies involved in horse enterprises.

At the end of this subject the student should have experienced the real issues of horse enterprises and have been comprehensively involved in the day-to-day operation of horse enterprise/s, and gained appropriate skills.

The content includes practical horse industry work experience.

This experience may be completed before course entry, between first and second year or after completion of two full-time years. Distance education students may complete this at any time during their course.

Assessment: One 5000-word report (100%).

204-263 Equine Project

Availability: Glenormiston campus

Credit points: 12.5

Coordinator: Ms Jane Williams

Prerequisites: 204-153 Equine Resources and 204-252 Equine Training.

Contact: Twenty-four lectures and tutorials and 36 hours practical classes (*Semester 2*).

Description: Students will complete a project involving the management of horses. Students will be expected to produce aims, and plan, carry out and

report on their project. A project example may be: given a horse, to be trained for a specific objective, and associated facilities and equipment:

- assess the horse's suitability for reaching the specific objective (eg. a barrier trial, a pacing trial, a one day event or an endurance ride);
- assess the suitability of the facilities and equipment;
- plan a suitable training program;
- prepare a cash flow budget;
- prepare feed rations suitable for each stage of the program;
- assess the fitness and progress of the horse at frequent intervals;
- design an efficient stable routine; and
- document the program and its effectiveness at achieving the objective.

Other examples may include:

- grazing trials;
- industry surveys; or
- enterprise proposal.

Other subjects in the advanced diploma may be substituted if considered suitable.

Assessment: One 20-minute oral presentation (30%), practical work completion (20%) and one 4000-word report (50%)

207-278 Resource Management (Soil and Water)

See full subject details on page 2.

208-269 Managing Staff

See full subject details on page 3.

209-255 Equine Management

Availability: Glenormiston campus.

Credit points: 12.5

Coordinator: Dr Peter Cakebread

Prerequisites: 208-161 Financial Management for Resource Industries I.

Contact: Twenty-four hours lectures and 36 hours tutorials. A week-long tour may also be included (*Semester 1*).

Description: After completing this subject, the student should:

- be able to analyse an equine enterprise to assess the use of resources both physical and financial;
- understand contracts as they apply to selling horses and studs;
- be able to formulate marketing strategies for an equine enterprise; and
- be able to identify a new equine enterprise and plan its implementation.

The content includes:

- buying, leasing and syndication of horses, stud contracts;
- the law relating to horses;
- insurance for horses;
- labour structure and management;
- marketing fundamentals and concepts;
- key marketing strategies for horses;
- planning marketing programs for equine enterprises;
- the role of equine service industries;
- finance options for equine enterprises;
- financial management systems for equine enterprises;
- case studies of various equine enterprises to identify resource management issues and analyse the potential for improvement; and
- developing new or improved enterprises either within or outside an existing business.

Assessment: One 2.5-hour written examination worth 40% of final marks, two assignments equivalent to 3000 words and worth 30% of final marks each.

Electives

208-255 Crop Management

See full subject details on page 4.

208-161 Financial Management I

See full subject details on page 3.