

# Handbook 2019

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M1121

MASTER OF VETERINARY STUDIES IN VETERINARY SURVEILLANCE

**Murdoch University**

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University Secretary  
Murdoch University  
South Street  
Murdoch  
Western Australia 6150

Telephone: (08) 9360 6000

Facsimile: (08) 9360 6847

<http://www.murdoch.edu.au>

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#### **Cancellation of Courses, Majors, Minors and Units**

The University reserves the right to cancel, without notice, any course, major, minor or unit if the number of students enrolled falls below limits set by the University or in other unforeseen circumstances.

#### **Alternative Formats**

Handbook home page:

<http://handbook.murdoch.edu.au>

This publication can also be provided in alternative formats by contacting the Equity and Social Inclusion Office at Murdoch University

Telephone: (08) 9360 6084

Facsimile: (08) 9360 6502

[equity@murdoch.edu.au](mailto:equity@murdoch.edu.au)

<http://goto.murdoch.edu.au/EquitySocialInclusion>

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Group	Course	Offerings
<b>Graduate Coursework Degrees and Professional Doctorates</b>		
<b>Veterinary Science</b>	Master of Veterinary Studies (Veterinary Surveillance) (MVS)	<ul style="list-style-type: none"> <li>• Murdoch campus (internal)</li> <li>• Murdoch campus (external)</li> </ul>

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## VETERINARY SCIENCE

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### MASTER OF VETERINARY STUDIES (VETERINARY SURVEILLANCE) (MVS)

#### School of Veterinary and Life Sciences

Master of Veterinary Studies (MVS)

Course Codes: M1121

Restriction: All graduate courses are subject to restriction.

Duration: 1 year full-time or part-time equivalent

#### Availability:

- Murdoch campus (internal) Murdoch campus (external)

This degree will provide veterinarians with knowledge and expertise in epidemiology and in particular skills in disease surveillance, biosecurity and risk assessment. You will develop the skills necessary for effective disease surveillance and implementation of disease control strategies. The degree will provide instruction on the diagnosis, detection and control of new, emerging and re-emerging diseases.

#### Employment Prospects:

This degree will enhance employment opportunities for veterinarians working in Australia and overseas by allowing specialisation in the latest methods to develop and evaluate disease control programs in production animals, and to improve biosecurity and food security.

#### Admission Requirements (Onshore):

Bachelor of Veterinary Medicine and Surgery (BVMS) or equivalent undergraduate veterinary degree with at least one year of experience in the work place. Direct entry for graduates with a higher level (DVM) veterinary degree.

#### Main Research Areas:

Epidemiology of infectious and non-infectious diseases and biosecurity.

#### Additional Progress Rules:

A student who fails more than one unit, or one unit more than once, shall be excluded from the course.

### Course Structure - 24 credit points

#### Core Units - 24 credit points

VET641 Principles of Epidemiology - 3 points  
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

VET642 Practical Applications of Epidemiology - 3 points  
MURDOCH: S1-internal, S1-external

VET640 Infectious and Emerging Diseases - 3 points  
MURDOCH: S2-external

VET699 Epidemiological Studies: Design and Analysis - 3 points  
MURDOCH: S1-internal, S1-external

VET649 Veterinary Studies Masters Research Dissertation - 12 points  
MURDOCH: H-internal, H-external, S1-internal, S1-external, S2-internal, S2-external, Y-internal, Y-external

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## PREREQUISITES

#### Epidemiological Studies: Design and Analysis (VET699)

Enrolment in Master of Veterinary Studies (Veterinary Surveillance), Master of Veterinary Studies (Conservation Medicine), Doctor of Veterinary Medical Science, Master of Veterinary Clinical Studies, Master of Biosecurity or permission of the Academic Chair.

#### Infectious and Emerging Diseases (VET640)

Enrolment in Master of Veterinary Studies in Veterinary Surveillance, Master of Biosecurity, Master of Veterinary Studies in Conservation Medicine or permission of the Academic Chair.

#### Practical Applications of Epidemiology (VET642)

Enrolment in Master of Veterinary Studies (Veterinary Surveillance), Master of Veterinary Studies (Conservation Medicine), Doctor of Veterinary Medical Science, Master of Veterinary Clinical Studies or permission of the Academic Chair. Completion of, or concurrent enrolment in, VET641 Principles of Epidemiology.

#### Principles of Epidemiology (VET641)

Enrolment in Masters of Veterinary Studies (Veterinary Surveillance), Master of Veterinary Studies (Conservation Medicine), Doctor of Veterinary Medical Science, Master of Veterinary Clinical Studies, Master of Biosecurity or permission of the Academic Chair.

#### Veterinary Studies Masters Research Dissertation (VET649)

Enrolment in Master of Veterinary Studies in Veterinary Surveillance or Doctor of Veterinary Medical Science or permission of the Academic Chair. Students enrolled in the Master of Veterinary Studies in Conservation Medicine are required to have a distinction average in their required units in order to enrol in this elective unit.