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Doctor of Philosophy Programme in Veterinary Science (International Programme)

หลักสูตร ปรัชญาดุษฎีบัณฑิต

สาขาวิชา วิทยาศาสตร์ทางการสัตวแพทย์ (หลักสูตรนานาชาติ) (ภาคปกติ)

Faculty of Veterinary Science

คณะสัตวแพทยศาสตร์

Expected number of students to be accepted all year round : 5 Students

There are three major concentrations

1. Companion Animal Medicine
2. Production Medicine
3. Pathology

Admission Requirements

A candidate must:

1. Hold a degree in Doctor of Veterinary Medicine (DVM) from the Kingdom of Thailand or from foreign universities which are certified by the Office of the Higher Education Commission
2. have a grade point average of at least 3.50
3. Minimum 2 year experience in veterinary professional or have been practicing and enhancing clinical skills in systematic processes (internship)
4. Having a level one veterinary license issued by the Veterinary Council of Thailand
5. have a TOEFL score of at least 500, TOEFL computer-based score of 173, TOEFL Internet-based score of 61, or IELTS score of 5. Any applicants who do not have any of the test scores specified above will have to take the English Proficiency Examination of the Faculty of Graduate Studies on the specified examination day.
6. In case your qualification does not match to the admission criteria, candidates must prior attach "A Requesting Form for Examination" approved by the program director. The form must be submitted before making the application. Kindly download here:
http://www.grad.mahidol.ac.th/grad/admission/form_th.php

Exemption from the above conditions may be granted by the Programme Committee under exceptional circumstances.

Written Examination (Applicants must attend the examination date accurately to your admission round.)

Second Round	
May 16, 2015	
Subjects	Time
1. English	8.30 - 11.30 a.m.
2. General Knowledge	11.30 - 12.30 p.m.
Examination Place Mahidol University , Salaya , Nakhon Pathom. The announcement will be on the web at www.grad.mahidol.ac.th or at Faculty of Graduate Studies.	

Curriculum Structure

	Credit
Prerequisite Courses	-
Core Courses	8
Required courses	12
Elective courses no less than	6
Dissertation	48

	Credit
Prerequisite Courses	
VSID 801 Scientific English Writing	1(1-0-2)
Core Courses	
GRID 603 Biostatistics	3(3-0-6)
VSID 800 Research Methodology	2(2-0-4)
VSID 802 Veterinary Ethics and Welfare	1(1-0-2)
VSCL 803 Doctoral Seminar in Veterinary Science I	1(1-0-2)
VSCL 804 Doctoral Seminar in Veterinary Science II	1(1-0-2)
Required courses	
1. Companion Animal Medicine	
VSCL 810 Small Animal Medicine I	3(3-0-6)
VSCL 811 Small Animal Medicine II	3(3-0-6)
VSCL 812 Advanced Clinical Procedures in Veterinary Medicine	3(1-6-4)
VSCL 813 Clinical Skill in Companion Animal Internal Medicine and Surgery	3(0-9-3)
2. Production Medicine	
VSCL 850 Dairy Herd Health and Production Management	3(2-3-5)
VSCL 851 Dairy Cattle Reproduction and Infertility	2(1-3-3)
VSCL 852 Advanced Ruminant Nutrition	3(2-3-5)
VSCL 853 Advanced Epidemiology in Clinical Medicine	3(2-3-5)
VSCL 854 Case Study in Production Medicine	1(1-0-2)
3. Pathology	
VSPA 860 Current Concept in Pathology	2(2-0-4)
VSPA 861 Advanced Systemic Pathology	2(2-0-4)
VSPA 862 Advanced Clinical Pathology	2(2-0-4)
VSPA 863 Veterinary Histology and Cell Biology	3(2-3-5)
VSPA 864 Advanced Pathology of Animals Neoplastic Diseases	2(1-3-3)
VSPA 865 Seminar in Pathology	1(1-0-2)

Elective courses

1. Companion Animal Medicine

VSCL	814	Clinical Skill in Small Animal Emergency Medicine and Critical Care	2(0-6-2)
VSCL	815	Clinical Skill in Small Animal Anesthesia	2(0-6-2)
VSCL	816	Clinical Skill in Small Animal Soft Tissue Surgery	2(0-6-2)
VSCL	817	Clinical Skill in Small Animal Orthopedics	2(0-6-2)
VSCL	818	Clinical Skill in Small Animal Internal Medicine	2(0-6-2)
VSCL	819	Clinical Skill in Small Animal Neurology	2(0-6-2)
VSCL	820	Clinical Skill in Small Animal Cardiology	2(0-6-2)
VSCL	821	Clinical Skill in Small Animal Ophthalmology	2(0-6-2)
VSCL	822	Clinical Skill in Small Animal Dermatology	2(0-6-2)
VSCL	823	Clinical Skill in Small Animal Theriogenology	2(0-6-2)
VSCL	824	Clinical Skill in Small Animal Diagnostic Imaging	2(0-6-2)
VSCL	825	Clinical Skill in Small Animal Oncology	2(0-6-2)
VSCL	826	Clinical Skill in Small Animal Dentistry	2(0-6-2)
VSCL	840	Equine Sports Medicine	3(3-0-6)
VSCL	841	Equine Orthopedics	3(3-0-6)
VSCL	842	Equine Colic Surgery	3(3-0-6)
VSCL	843	Ultrasonography of the Equine Musculoskeletal Diseases	2(1-3-3)
VSCL	844	Case Study in Equine Medicine	1(1-0-2)
VSCL	845	Equine Back Pain	2(1-3-3)
VSCL	846	Equine Rehabilitation	2(1-3-3)

2. Production Medicine

VSCL	855	Ultrasonography in Dairy Reproduction	2(1-3-3)
VSCL	856	Embryo Biotechnology in Dairy Cattle	2(1-3-3)
VSCL	857	Clinical Immunology in Dairy Cattle	1(1-0-2)
VSCL	858	Reproductive Endocrinology in Dairy Cattle	1(1-0-2)
VSCL	859	Reproductive Immunology and Pathology in Dairy Cattle	1(1-0-2)

3. Pathology

VSPA	866	Pathology of Avian Diseases	1(1-0-2)
VSPA	867	Laboratory Animal Pathology	1(1-0-2)
VSPA	868	Aquatic Animal Pathology	1(1-0-2)
VSPA	869	Concepts in Molecular Biology	1(1-0-2)
VSPA	870	Advanced Immunology	1(1-0-2)
VSPA	871	Ultrastructural Pathology	1(1-0-2)
VSPA	872	Pathology of Exotic, Wildlife and Zoo Animals	1(1-0-2)
VSPA	873	Pathology of Livestock and Food Animals	1(1-0-2)
VSPA	874	Pathology of Zoonotic Diseases	1(1-0-2)

Dissertation

VSID	799	Dissertation	48(0-192-0)
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*** These may change in cases where there are suggestions for the improvement of the curriculum**

Areas of study that a student may select for concentration:

1. Companion Animal Medicine
2. Production Medicine
3. Pathology

Additional advantages of the programme

Required the doctor of Veterinary Medicine degree to apply for the doctoral of Philosophy program and focusing on creating the specializations in veterinarian profession. Graduates from philosophy program are this competent to pursue their careers as the professional veterinarians.

Required Documents

Prepare the following required documents to submit via online admission system or post :

- Two (2) recent photographs (1x1 inch in size)
- A copy of an applicant's degree certificate or a letter of graduation certification (for an applicant with a degree completion) 2 copies
- A letter certifying that an applicant is currently in the final year prior to graduation (for an applicant seeking for a degree) 2 copies
- A detailed transcript of a degree (for an applicant with a degree completion) 2 copies
- A grade report with course names and grades received from the first to the current semester prior to graduation 2 copies
- A copy of identification card 2 copies
- A copy of house registration certification 2 copies
- A copy of a medical license 2 copies
- A copy of a work experience certifying letter 2 copies
- A copy of Certificate of English score: TOEFL/IELTS/MU-Test (if any). See detail here: 2 copies

http://www.grad.mahidol.ac.th/grad/academicinfo/engstandard2553_th.php

Those who early submit a valid English score prior to the examination will be exempt from English test on the examination date.

- A copy of proof of payment.

Submitting documents via online admission system.

- All documents must be in pdf format (maximum size 2 MB)
- Recent photograph must be in jpeg format only (maximum size 2 MB)

Job option after graduation

1. Veterinary specialists
2. Professionals and researchers in Veterinary Science
3. Consultant of veterinary science related organizations

Further information may be obtained from the Director of Graduate Studies, Veterinary Science:

1. **Asst.Prof.Sudsaijai Kornmatitsuk** (E-mail : sudsaijai.kor@mahidol.ac.th)
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2. **Asst.Prof.Sukanya Manee-In** (E-mail : sukanya.man@mahidol.ac.th)
Animal hospital Building, Floor 2nd ,
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Program Coordinator

1. Miss Panwad Preeyanont (E-mail : panwad.pre@mahidol.ac.th)
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Department Office of the dean, Faculty of Veterinary Science
Tel : 02-441-5242-4 Ext. 1429 Fax : 02-441-0773

- Notes**
1. The programme of Veterinary Science (International Programme) requires students to study the pre - requisite course:
 - VSID 801 Scientific English Writing 1 Credit
 2. For more education information : <http://www.grad.mahidol.ac.th>

For more information please contact The Student Admission Section.
Tel . 0 2441 4125 ext. 208-210 , 0 2441 9129, E-mail : gradthai@mahidol.ac.th