



## 5. List of course

### 5.1 Type A1

#### 5.1.1 Compulsory courses

Students in the Master's Degree Program in Interdisciplinary Veterinary Science, (International Program) must enroll the following courses and other non-credit courses according to the recommendation of the Thesis advisory committee

710 893 Seminar in Interdisciplinary Veterinary Science 1 1(1-0-2)

710 894 Seminar in Interdisciplinary Veterinary Science II 1(1-0-2)

5.1.2 Thesis 36 credits

710 898 ̂ Thesis 36 credits

### 5.2 Type A2

5.2.1 Compulsory courses 8 credits

710 701 Statistics for Veterinary Research 3(2-3-5)

710 721 Experimental Design in Veterinary Medicine 2(2-0-4)

710 893 Seminar in Interdisciplinary Veterinary Science 1 1(1-0-2)

710 894 Seminar in Interdisciplinary Veterinary Science II 1(1-0-2)

710 896 Writing and Presenting Scientific Papers 1(1-0-2)

5.2.2 Elective courses (no less than) 16 credits

Select the following elective courses, and also some additional courses that may be open for enrollment later.

#### Anatomy

711 711 Veterinary Orthopedic Anatomy 3(2-3-5)

#### Physiology

712 721 Animal Physiology 3(3-0-6)

#### Pharmacology and Toxicology

713 721 Advanced Veterinary Pharmacology 2(2-0-4)

713 722 Advanced Veterinary Toxicology 2(2-0-4)

#### Pathobiology

714 711 Advanced Veterinary Clinical Pathology 3(2-3-5)

714 721 Cellular Pathology Techniques in Veterinary Science 2(2-0-4)

714 722 Principles of Pathogenesis in Veterinary Science 2(2-0-4)

714 731 Laboratory Techniques in Veterinary Parasitology 2(1-3-2)

714 732 Advanced in Veterinary Parasitology 2(2-0-4)

714 741	Diagnostic Technique in Veterinary Microbiology Surgery and Theriogenology	3(1-6-4)
715 700	Advanced Endocrinology of Animal Reproduction	3(3-0-6)
715 730	Advanced Reproduction in Cattle and Buffalo	3(3-0-6)
715 731	Advanced Reproduction in Swine	3(3-0-6)
715 732	Advanced Reproduction in Goat and Sheep	2(2-0-4)
715 733	Advanced Reproduction in Horse	3(3-0-6)
715 734	Advanced Reproduction in Companion Animals	3(3-0-6)
715 740	Advanced Techniques in Theriogenology	2(1-3-3)
715 741	Biotechnology in Animal Reproduction	3(3-0-6)
715 750	Dairy Cattle Herd Health Management	3(3-0-6)
715 751	Swine Herd Health Management	3(3-0-6)
715 752	Reproductive System Diseases in Livestock Veterinary Public Health	3(3-0-6)
716 711	Tropical Zoonotic Disease	2(2-0-4)
716 712	Advanced Veterinary Epidemiology	3(3-0-6)
716 713	Risk Analysis for Veterinary Public Health	2(2-0-4)
716 715	Analysis of Residual in Foods of Animal Origin	2(1-3-3)
716 717	Microbial Control in Food of Animal Origin	3(2-3-5)
716 718	Toxicology of Food, Feed and Law in Veterinary Public Health	3(3-0-6)
716719	Biostatistics for Veterinary Science	3(3-0-6)
716 721	Analysis of Microbial in the Food Chain	2(1-3-3)
716 761	Environmental and Livestock Waste Management	2(2-0-4)
716 764	Economics and Administration of Veterinary Public Health Veterinary Medicine	3(3-0-6)
717 720	Advanced Veterinary Clinical Medicine	3(3-0-6)
717 721	Advanced Veterinary Medicine	3(3-0-6)
717 724	Advanced Small Animal Medicine	3(2-3-5)
717 725	Advanced Equine Medicine	3(2-3-5)
717 726	Advanced Ruminant Medicine	3(2-3-5)
717 727	Aquatic Medicine and Farm Management	3(2-3-5)
717 728	Equine Stud Farm Health Management	3(2-3-5)
717 729	Equine Sports Medicine and Exercise Physiology	3(2-3-5)

710 899 Thesis

12 credits

**6. Course Schedule**

Year 1		First Semester		
Code	Subject	Type A 1 credit	Type A 2 credit	
710 701	Statistics for Veterinary Research	-	3(2-3-5)	
710 893	Seminar in Interdisciplinary Veterinary Science 1	1(1-0-2)	1(1-0-2)	
		Audit		
71x xxx	Elective	-	6	
710 898	Thesis	9	-	
	Number of credits this semester	9	10	
	Cumulative number of credits	9	10	
Year 1		Second Semester		
Code	Subject	Type A 1 credit	Type A 2 credit	
710 894	Seminar in Interdisciplinary Veterinary Articles II	1(1-0-2)	1(1-0-2)	
		Audit		
710 721	Experimental design in Veterinary Medicine	-	2(2-0-4)	
710 896	Writing and Presenting Scientific Papers	-	1(1-0-2)	
xxx xxx	Elective courses	-	5	
710 898	Thesis	9	-	
	Number of credits this semester	9	9	
	Cumulative number of credits	18	19	
Year 2		First Semester		
Code	Subject	Type A 1 credit	Type A 2 credit	
xxx xxx	วิชาบังคับเลือก Elective courses	-	5	
710 898	วิทยานิพนธ์ Thesis	9	-	
710 899	วิทยานิพนธ์ Thesis	-	6	
	Number of credits this semester	9	11	

Cumulative number of credits		27	30
Year 2	Second Semester		
Code	Subject	Type A 1 credit	Type A 2 credit
710 898	Thesis	9	-
710 899	Thesis	-	<b>6</b>
Number of credits this semester		9	6
Cumulative number of credits		36	36