

# 欧州：ウィーン獣医科大学における専門科目の比率と 各科目の講義・実習時間数（ウィーン獣医科大学査察資料）

各教科グループの講義・実習時間の内訳とその比率（ウィーン大学）

Table 9.1: Distribution of practical and theoretical teaching in EEC subjects

	Hours in course					Total	percentage of total course hours (%)	Ratio of lectures to practical work (1:*)
	Lectures	Practical work	Tutorials	Clinical work	Other			
Basic subjects	255	90				345	8.61	0.35
Basic sciences	735	375			45	1155	28.81	0.57
Clinical subjects	864	420	335	240		1859	46.37	1.15
Animal production	105	30			15	150	3.74	0.43
Food hygiene and technology	105	75	320			500	10.47	3.76
<b>Total</b>	<b>2064</b>	<b>990</b>	<b>655</b>	<b>240</b>	<b>60</b>	<b>4009</b>	<b>100.00</b>	<b>0.94</b>

各教科名とそれらの講義・実習時間数、および総時間数一覧（ウィーン大学）

Table 9.2: Compulsory teaching hours in EEC subjects

	Lectures	Practical work	Tutorials	Clinical work	Other	Total
<b>A. BASIC SUBJECTS</b>						
Physics	75	30				105
Chemistry	75	30				105
Animal biology	60					60
Plant biology	45	15				60
Biochemistry		15				15
<b>B. SPECIFIC SUBJECTS</b>						
<b>Group 1: Basic sciences</b>						
Anatomy (including histology and endocrinology)	195	225			30	450
Physiology	135	45				180
Biochemistry	75	30				105
Genetics	105	30				135
Pharmacology/Pharmacy/Toxicology	90	15				105
Microbiology	135	30			15	180
Immunology	inc. in Med. Biochem., Phys., Path., Bacter./Hyg. & Vi.					
Epidemiology	inc. in Parasitology, Bacter./Hyg., Internal Med. I & II					
Professional ethics	Part of State Veterinary Medicine					
<b>Group 2: Clinical sciences</b>						
Obstetrics	included in clinical lectures					
Pathology	130	60	15			205
Parasitology	60	15				75
Clinical medicine and surgery (inc. anaesthesia)	included in clinical lectures					
Clinical lectures on domestic animals, poultry and other species	579	315	330	340		1454
Preventative medicine	included in clinical lectures					
Radiology	30	30				60
Reproduction and reproductive disorders (inc.)						
Vet. basic medicine and public health	30					30
Vet. legislation and forensic medicine	15					15
Therapeutics	included in pharmacology and clinical lectures					
Propaedeutics (270 hours in clinical domains)	included in clinical lectures					
<b>Group 3: Animal production</b>						
Animal Production						
Animal Nutrition	60	30				90
Agromony						
Rural economics						
Animal husbandry/Animal ethology and protection	45				15	60
Vet. hygiene	included in Bacteriology/Hygiene, Virology, Parasitology					
<b>Group 4: Food hygiene</b>						
Inspection and control of animal foodstuffs or foodstuffs of animal origin	105	75				180
Food hygiene and technology						
Practical work			320			320

# ウイーン獣医科大学における進級試験の実施順 (左)

(ウイーン獣医科大学査察資料)

進級に必要とされる試験科目とそれらの実施順 (ウイーン大学)

Table 9.4: Examinations

Preparatory	1st Diploma	2nd Diploma		
		group 1	group 2	group 3
Zoology	Medical physics	Botany	Pharmacology	Diagnostic imaging
Domestic animal science	Systematic anatomy	Nutrition	Bacteriology & hygiene	Surgery and Ophthalmology
Basics of medical physics	Medical biochemistry	Parasitology	Virology	Obstetrics, gynaecology and andrology
Basics of medical biochemistry	Histology and embryology		Animal husbandry and animal protection	Int. med. and epidemiology in small animals and horses
	Topographical anatomy		General pathology	Poultry Disease
	Animal breeding and genetics			Int. med. and epidemiology in even-toed ungulates
	Physiology			Orthopaedics
	Elective subjects			Food hygiene
				Special pathology
				Forensic vet. medicine
				State vet. medicine
				Elective subjects

各講座に所属する教官・技官数一覧 (ウイーン大学)

Table 8.1 shows the distribution of academic and support staff among the different Institutes and Clinics.

Table 8.1: Academic and support posts in Departments

Institute or Clinic	Prof.	Assoc. Prof.	Asst. Prof.	Asst. vets	Civil Serv.	Sec. staff	Lab. staff	Support staff	Total
Anatomy	1		2	3	1	1	4		13
Medical Physics	1	1	1	1	1	1	6	1	13
Medical Chemistry	1	2		2		1	6		12
Biochemistry	1	3		1		1	5	1	12
Histology and Embryology	1		3	2		1	4	2	13
Anim. Breed. and Genetics	3	2	1	2	1	2	3	3	17
Physiology	2	1	1	2		1	2	5	14
Hydrobiology, Ichthyology and Apidology			1	1	1	0.5	3	0.5	7
Applied Botany	1			4		1		8	14
Nutrition			3	1		1	5	2	12
Parasitology and Zoology	1	2		3	1		6	9	22
Pathology & Forensic Medicine			2	6		2	9	3	22
Pharmacol. and Toxicol.	2			4		1	4	1	12
Bacteriology, Mycology & Hygiene	1			4		2	9	3	19
Virology	2	1		1			6	4	14
Animal Husbandry and Protection	1			2				1	4
Milk Hygiene and Technology	1	2		2		1	8	2	16
Meat Hygiene and Technology and Food Science	1	1		8		1	5	4	20
Wildlife Biology and Ecology	1	1		2			2	2	8
Clinics									
Horses and Small Animals	1			10		2	4	14	31
Even-toed Ungulates	2	1		7		1	8	9	28
Surgery and Ophthalmology	2		1	8		3	2	17	33
Ungulate Orthopaedics	1	2	1	5		2	1	14	26
Obst., Gynsec. and Andrology	2	1	1	6		2	7	7	26
Avian Medicine	1			3			2	2	8
Radiology	1			3		3	3		9
<b>TOTAL</b>	<b>51</b>	<b>20</b>	<b>17</b>	<b>93</b>	<b>5</b>	<b>30.5</b>	<b>113</b>	<b>114.5</b>	<b>424</b>

# University of Copenhagen, Denmark

## Small Animal Clinics



# University of Copenhagen Large Animal Clinics



# University of Helsinki, Finland Veterinary Teaching Hospital Small Animal Clinics



# Clinical Rotation of Horse Clinic at Hanover, Germany



# Practical Works for Food Hygiene at Hanover, Germany



Department of Meat and Milk Hygiene



## Department of Aquatic Medicine at Vienna, Austria





## 馬の解剖学実習中の学生達 (ポニー：固定標本)

ベルリン自由大学獣医学部解剖室



# 解剖学 (骨学) の口答試問 (Testat)

ミュンヘン大学獣医学部 1 年生/冬学期



# 1. Physikum (National Board Exam.) für D.M.V. (Institut für Veterinäranatomie, FU-Berlin)

