

No official announcement!

Complete version based on the proclamation sheets no. 112/2006, 120/2006, 128/2007, 132/2008, 155/2009, 168/2010, 171/2011, 192/2012, 195/2012, 196/2013, 274/2020, 290/2022 and 304/2022

Study regulations for the degree program in Veterinary Medicine at the University of Veterinary Medicine Hannover

§ 1

Scope of application

These study regulations describe the objectives, content and course of study for the Veterinary Medicine degree program at the University of Veterinary Medicine Hannover, taking into account the current version of the Ordinance on the Licensing of Veterinarians (TAppV).

§ 2

Study requirements

(1) The aptitude requirement for studying veterinary medicine is proof of a university entrance qualification. In the case of certificates obtained outside the scope of the TAppV, the certificate of recognition from the competent authority must be submitted.

(2) Admission to the 3rd semester is only possible once the pre-physical examination has been passed. Admission to the 5th semester is only possible once the Physikum has been passed and the certificates of regular and successful participation in the courses for the surgery logbook (1st to 4th semester) have been submitted.

Admission to the 7th semester is only possible if five of the seven subject examinations in the examination subjects *Clinical Propaedeutics, Animal Husbandry and Animal Hygiene, Bacteriology and Mycology, Radiology, Virology, Pharmacology and Toxicology and Animal Welfare*, which must be completed after the 5th and 6th semesters, have been passed. Admission to the 9th semester is only possible then if at least eight subject examinations of the examination subjects according to § 29 No. 1, 3-10 and 12 TAppV have been passed and the certificates of regular and successful participation in the courses of *biometry, feed science, immunology and the surgery logbook* (5th to 8th semester) have been submitted.

Admission to the 11th semester is only granted if the subject examinations in accordance with § 29 No. 1, 3 - 10 and 12 TAppV have all been passed.

§ 3

Goals

The aim of the training is to produce scientifically and practically trained veterinarians who are capable of independent and autonomous veterinary practice within the meaning of § 1 of the Federal Veterinary Code, of continuing education and of continuous further training. The basic veterinary and scientific knowledge, practical skills, intellectual and ethical foundations and a professional attitude committed to the welfare of humans, animals and the environment, which are necessary to practice the veterinary profession responsibly in its entirety with special consideration of quality assurance, should be taught.

§ 4

Start of studies

The course can only be started in the winter semester.

§ 5

Enrollment, re-registration and de-registration

Enrolment, re-registration and de-registration are regulated by the Lower Saxony Higher Education Act (NHG) and the enrolment regulations of the University of Veterinary Medicine Hannover.

§ 6

Duration of study

The standard period of study in the sense of § Section 10 (2) of the Higher Education Framework Act (Hochschulrahmengesetz) is five years and six months for the entire course, including internships and the examination period for the veterinary examination.

§ 7

Offer of courses

(1) The training is carried out in particular within the framework of 1. lectures (V), 2. seminars (S), 3. clinical demonstrations (D) and 4. exercises and courses (Ü), including on animals. The focus of the practical part takes place in the 9th and 10th semester and is divided into an on-campus and an external practical part. Combined courses (V/S/Ü) are also possible, which are offered both as a lecture and as a seminar or exercise. Excursions can also be part of courses. The university can replace parts of these courses with suitable interactive learning programs.

(2) In the compulsory courses (Annex 1 TAppV), students are taught the examination requirements in accordance with TAppV.

(3) The compulsory elective courses serve to intensively deepen knowledge beyond the examination requirements and are mainly held in the form of seminars, courses and exercises. They are offered by the higher education institutions to the extent required in accordance with the compulsory teaching regulations. Routine clinical and institute work should also be used for the intensive training of students, including lecture-free periods. A more detailed description of the teaching content is provided in the form of subject-specific subject catalogs.

(4) The topics of the interdisciplinary classes are determined by mutual agreement between the lecturers involved before the start of the semester.

§ 8

Participation in courses

(1) Proof of study must be provided in the form of a transcript of records, which may also be available electronically.

(2) Regular and successful participation in the compulsory courses listed in § 7 para. 1 no. 2 to 4 (in accordance with the performance requirements specified by the clinics and institutes) must be demonstrated when registering for the individual examination sections. If absences are due to reasons for which the student is not responsible (e.g. own illness or illness of own children, court appointment), the student must be offered the opportunity to catch up if the course instructor deems this necessary. In this case, the course director shall determine the type, scope and time of the services to be provided. The course instructor is free to accept individual excused absences without a substitute instructor. Students who take part in the baccalaureate course taking

place during the semester and the prescribed stock trips (proof required) are excused for parallel courses. For the compulsory elective courses and the practical part, sentences 1 and 2 apply accordingly. It is generally possible to register for and withdraw from compulsory courses. Regulations approved by the Central Study Commission must be available for enrolments and withdrawals.

(3) There is no entitlement to participate in certain compulsory elective courses.

§ 9

Examinations

The institutions involved in the examinations shall indicate to the examination chairperson the form in which the examination is to be conducted for each subject to be examined. For examinations in accordance with § 14 Para. 2 TAppV (multiple choice), a binding assessment framework must be defined prior to the examination. If an examination is to be carried out in the form of several partial examinations (§ 10 Para. 3 TAppV), the determination of the examination grade must also be specified.

§ 10

The practical part of the study

The timing of the internships is determined as follows:

- Education in control activities,
-methods and techniques for the food sector including the inspection of fresh meat, § 55 para. 1 TAppV: after the 5th semester at the earliest.
- First stage of training, which can be completed in a curative veterinary practice or in a veterinary clinic or half in each of the two facilities, Section 57 (1) TAppV: after the 5th semester at the earliest.
- Practical training in ante-mortem and post-mortem inspection, § 55 para. 2 TAppV: in the 9th or 10th semester.
- Second stage of training, which can be completed either in a curative veterinary practice or in a veterinary clinic or in a combination of no more than four of these facilities, Section 57 (2) TAppV: in the 9th or 10th semester.
- Practical training in public veterinary services, § 61 TAppV: in the 9th or 10th semester.

§ 11

Curriculum

The compulsory courses required for admission to the individual examination sections or examinations in accordance with TAppV are set out in the curriculum (annex to the study regulations). The curriculum also specifies the sequence of examinations.

§ 12

Study sections

(1) The degree program is divided into a preclinical and a clinical phase. The course of study is regulated in a legally binding manner by the TAppV, both with regard to the obligatory courses (content) and the sequence and timing of the course of study. According to § 1 Para. 2 No. 3 TAppV, the following examinations are taken: a. the preliminary veterinary examination, which consists of the scientific section (pre-physical course) and the anatomical-physiological section (physical course), and b. the veterinary examination.

(2) The examinations are regulated in the TAppV and are specified by resolutions of the Examination Boards for the Preliminary Veterinary Examination and the Veterinary Examination of the University of Veterinary Medicine Hannover.

(3) Proof of successful completion of the Pharmacology and Toxicology examination is required to register for the examination in Pharmaceutical and Narcotics Law.

(4) Only those courses that are required to meet the admission requirements according to TAppV and have not yet been successfully completed can be attended (§ 8 TAppV). Students are only entitled to participate in those compulsory courses for which regular and successful participation is a prerequisite for admission to the examination at the time of their scheduled completion in the respective semester. The responsible course management decides on exceptions in individual cases.

§ 13

Student advisory service

Study counseling is provided by the liaison lecturers of the University of Veterinary Medicine Hannover. After failing an examination, in the event of a change of university and before choosing a major field of study, students are particularly recommended to undergo study counseling.

Annex to the study regulations (§ 11)

The curriculum contains the compulsory courses that must be completed for admission to the individual examination sections or examinations in accordance with the provisions of the Ordinance on Licensing for Veterinarians (TAppV) of July 27, 2006 (BGBl. I No. 38 p.1827).

Overview of hours (SWS)

1st year/1st semester (winter)							
Lectures			Group events			total hrs.	Ects points
Lvnr.*		SWS	Lvnr.*		SWS		
0001	Anorg. and bioanorg. chemistry	3,00	0002	Chemical exercises I	1,36	31,36	6
0014	Physics	3,43	0013	Practical course in physics	0,57		4
0016	Medical terminology	1,00					1
0018	History of veterinary medicine.	1,00					1
0020	General botany	2,00					2
0030	General and special zoology	2,00	0031	Zoological exercises	2,00		4
0038	Agriculture	2,00					2
0040	Anatomy I	2,00	0041	Anatomical dissection exercise I	4,00		5
0216	Animal husbandry	2,00					2
0218	Ethology	1,00					1
			0045	Histology I	2,00		2
			xxxx	Compulsory elective courses	2,00		
	Semester hours per week (SWS)	19,43		Semester hours per week (SWS)	11,93		30
				Total semester hours		439	

* Course number (Lvnr.)

During the lecture-free period after the 1st semester:

Examinations in physics and zoology (scientific section of the veterinary preliminary examination (pre-physical course))

1st year/2nd semester (summer)							
Lectures			Group events			total hrs.	Ects points
Lvnr.		SWS	Lvnr.		SWS		
0501	Organ. Chemistry	2,00	0502	Chem. exercises II	1,143	25,21	5
0520	Special botany	1,86	0520	Special botany	0,14		3
0538	Career exploration	1,00					2
0540	Anatomy II	2,00	0540	Anatomy II	0,57		4
			0542	Histology and Embryology I	2,00		2
0543	Embryology	1,00					1
0562	Physiology I	4,00	0563	Physiol. and nutrition phy. Exercise	2,50		6
0572	Biochemistry I	3,00	0574	Biochemical exercises	1,00		5
0711	Ethology	1,00					2
			xxxx	Compulsory elective courses	2,00		
	Semester hours per week (SWS)	15,86		Semester hours per week (SWS)	9,35		30
				Total semester hours		353	

Total hours first year of study 792

During the lecture-free period after the 2nd semester:

Examinations in chemistry and botany (scientific section of the veterinary preliminary examination (pre-physical course))

In the lecture-free period before the 3rd semester: 14-day course at the Ruthe teaching and research estate and the biochemical exercises as a 5-day seminar

2nd year/3rd semester (winter)							
Lectures			Group events			total hrs.	Ects points
Lvnr.		SWS	Lvnr.		SWS		
0042	Anatomy III	1,00	0043	Anatomical dissection exercise II	4,00	25,50	7
			0046	Situsdemo. and exenteration	1,00		1
0047	Embryology	2,00					3
0063	Physiology II	2,50	0064	Physiol. and nutrition phy. Exercise.	3,00		7
0079	Biochemistry II	3,00	0076	Biochem. Exercises II	1,00		5
0180	Animal Breeding and Genetics I	3,00					4
0211	Animal welfare I	2,00					3
			xxxx	Compulsory elective courses	3,00	25,50	
	Semester hours per week (SWS)	13,50		Semester hours per week (SWS)	12,00		30
				Total semester hours			357

During the lecture-free period after the 3rd semester:

Examinations in physiology and biochemistry (anatomical-physiological section of the veterinary preliminary examination

(Physikum)) In the lecture-free period before the 4th semester: 14-day course at the Ruthe teaching and research farm

2nd year/4th semester (summer)							
Lectures			Group events			total hrs.	Ects points
Lvnr.		SWS	Lvnr.		SWS		
0515	Radiology	1,00	0515	Radiology	0,29	27,00	4
0541	Anatomy IV	1,00	0541	Anatomy IV	0,43		2
0588	General pathology	3,29	0589	General pathology	1,00		4
0600	General infection teaching	3,00					2
0681	Animal breeding and genetics	1,00	0681	Animal breeding and genetics	2,00		2
0700	Feed science	1,29	0702	Feed science	1,71		4
0710	Animal welfare	2,00					1
0888	Biomathematics	2,00				4,00	1
			0780	Clinical propaedeutics (Klauent.)	4,00		10
			0800	Clinical propaedeutics (horse)			
			0820	Clinical propaedeutics (small animals)			
			0840	Clinical propaedeutics (gyn.)			
			xxxx	Compulsory elective courses	3,00	27,00	
	Semester hours per week (SWS)	14,57		Semester hours per week (SWS)	12,43		30
				Total semester hours		378	

Total hours second year of study 735,00

During the lecture-free period after the 4th semester:

Examinations in anatomy, histology and embryology and animal breeding and genetics (anatomical-physiological section of the veterinary preliminary examination (Physikum))

General pathology examination as part of the veterinary examination

3rd year/5th semester (winter)							
Lectures			Group events			total hrs.	Ects points
Lvnr.		SWS	Lvnr.		SWS		
0017	Radiology	1,71				28,50	2
0101	Special infection theory	2,00	0104	Infection diagnostics course	4,00		6
0210	Animal hygiene	2,00					2
0227	Food	2,00					2
0260	Pharmacology and toxicology	3,00					3
0271	Diseases Reptiles, amphibians	1,00					1
0282	Internal medicine	2,00					2
			0288	Laboratory diagnostics	2,29		2
0342	Obstetrics and neonatology	1,00					1
0380	Reproductive medicine	1,00					1
0319	Clinical endocrinology	0,50					1
			0280	Clinical propaedeutics (Klauent.)	4,00		7
			0300	Clinical propaedeutics (horse)			
			0320	Clinical propaedeutics (small animals)			
			0340	Clinical propaedeutics (gyn.)			
			xxxx	Compulsory elective courses	2,00		
	Semester hours per week (SWS)	16,21		Semester hours per week (SWS)	12,29		30
Total semester hours						399	

During the lecture-free period after the 5th semester:

Examinations in propaedeutics, microbiology and bacteriology, radiology, animal husbandry (veterinary examination)

The following internships can be completed after the 5th semester and should be completed by the end of the 10th semester:

1. according to § 55 Abs.1 TAppV control activities, methods and techniques for the food sector (2 weeks)
2. in accordance with § 57 para. 1 TAppV training in a curative veterinary practice or clinic (4 weeks)

3rd year/6th semester (summer)					
Lectures			Group events		
Lvnr.		SWS	Lvnr.		SWS
0580	Special pathology	3,00	0581	Histopathology course	2,00
0621	Virology	3,00			
0651	Poultry diseases	1,00			
0721	Food	1,00			
0722	Food toxicology	1,00			
0742	Milk hygiene and dairy farming	1,00			
0760	Pharmacology and toxicology	3,00			
0776	Diseases Fish	0,50			
0777	Diseases bees	0,50			
0802	Equine diseases Repro	1,00			
0804	Horse diseases Farriery	1,50			
0822	Small animal diseases	1,00			
0842	Repro. med. gynecology	1,00	0886	Repro. med. and biotechnology	0,86
0862	Bovine diseases I	2,50			
0818	Clinical Immunology	1,00			
			0649	Quote poultry clinic	
			0779	Quote cloven-hoofed animals	
			0799	Quote horse clinic	
			0819	Quote small animal clinic	
			0839	Quote beef repro	
			0859	Beef inside quota	
			0879	Quote Reproductive Medicine	8,00
			xxxx	Compulsory elective subject	2,00
	Semester hours per week (SWS)	22,00		Semester hours per week (SWS)	12,86
Total semester hours					488

Total hours third year of study 887,00

During the lecture-free period after the 6th semester:

Examinations in virology, pharmacology and toxicology, patho-histology [partial pathology examination] (veterinary examination)

The following internships can be completed after the 6th semester and should be completed by the end of the 10th semester:

1. according to § 55 Abs.1 TAppV control activities, methods and techniques for the food sector (2 weeks)
2. in accordance with § 57 para. 1 TAppV training in a curative veterinary practice or clinic (4 weeks)

4th academic year/7th semester (winter)						
Lectures			Group events			
Lvnr.		SWS	Lvnr.		SWS	total hrs. Ects points
			0081	Seminar Special Pathology	1,00	1
			0084	Autopsies	0,71	2
0151	Poultry diseases	1,00				1
			0163	Parasitology	4,00	2
0203	Animal nutrition	2,00	0204	Animal nutrition	2,00	3
0220	Meat and poultry hygiene	2,00	0224	Slaughter animal and meat sub.	2,00	
0222	Food	2,00	0250	Cross-sectional teaching	2,00	6
0261	Drug and narcotics law	2,00	0263	Preparation of medicines	1,00	4
0308	Horse diseases	0,50				1
0311	Anesthesiology	0,50				1
0324	Small animal diseases	1,00				1
			0343	Gyn. U. Obstetrics Exerc.	0,86	1
0346	Reproductive medicine (udder)	1,00				1
0362	Bovine diseases II	1,00				1
			0285	Portfolio management	0,36	
			0150	Quote poultry clinic		
			0281	Quote cloven-hoofed animals		
			0301	Quote horse clinic		
			0321	Quote small animal clinic		
			0341	Quote beef repro		
			0361	Beef inside quota		
			0382	Quote Reproductive Medicine	6,00	5
			xxxx	Compulsory elective subject	2,00	
	Semester hours per week (SWS)	13,00		Semester hours per week (SWS)	21,93	30
				Total semester hours		489

During the lecture-free period after the 7th semester:

Examinations in pharmaceutical and narcotics law, animal nutrition and parasitology (veterinary examination)

The following internships can be completed after the 7th semester and should be completed by the end of the 10th semester:

1. according to § 55 Abs.1 TAppV control activities, methods and techniques for the food sector (2 weeks)
2. in accordance with § 57 para. 1 TAppV training in a curative veterinary practice or clinic (4 weeks)

4th academic year/8th semester (summer)						
Lectures			Group events			
Lvnr.		SWS	Lvnr.		SWS	total hrs. Ects points
0603	Animal disease control	3,00	0583	Pathol. anat. Instructions	2,00	2
0717	Laboratory animal science	1,00				2
0720	Meat and poultry hygiene	1,00	0723	Food testing	2,00	1
0721	Food	2,00	0750	Cross-sectional teaching	3,00	5
			0745	Milk testing	2,00	2
0783	Swine diseases	2,00				2
0784	Sheep diseases	1,00				1
0786	Veterinary professional law	2,00				1
0791	Integrated portfolio management	0,86	0785	Portfolio management	0,36	1
0805	Horse diseases	2,00				2
0823	Small animal diseases	2,00				2
0843/0845	Reproductive medicine	0,71	0844/0881	Repro. med. and biotechnology	0,86	4
0864	Bovine diseases III	1,00				1
0762	Clinical pharmacology	1,00				1
			0650	Quote poultry clinic		
			0781	Quote cloven-hoofed animals		
			0801	Quote horse clinic		
			0821	Quote small animal clinic		
			0841	Quote beef repro		
			0861	Beef inside quota		
			0883	Quote Reproductive Medicine	2,00	3
			xxxx	Compulsory elective subject	3,00	
	Semester hours per week (SWS)	19,57		Semester hours per week (SWS)	15,21	30
				Total semester hours		487

Total hours fourth year of study 976,00

During the lecture-free period after the 8th semester:

Examinations in animal disease control, animal welfare, as partial exam (multiple choice) reproductive medicine, internal medicine, surgery (veterinary exam)

5th academic year/9th and 10th semester (winter/summer)

Ects points

The 5th year of study is carried out as a practical year.

During the practical year, 460 hours of clinical teaching (hands-on) are held at the University of Veterinary Medicine Hannover Foundation at various clinics or in paraclinical facilities (practical semester, 460 hours). For this practical semester, the following clinical courses are provided according to the individual timetable of the respective institution:

Clinical training on patients Cross-sectional teaching
Elective
Exit care (outpatient clinic) Reproductive medicine

Within the 9th and 10th semester, the following additional courses take place:

1. Elective internship (16 weeks)
2. Practical training in ante-mortem and post-mortem inspection (3 weeks), possibly together with the inspection activities, methods and techniques for the food sector (2 weeks)
3. Practical training in public veterinary services (two weeks)

The following examinations are taken after the practical year (after the 10th semester): Veterinary

examinations
Special pathology
Food science Meat
hygiene Dairy science
Poultry diseases
Reproductive medicine
Internal medicine
Surgery
Forensic veterinary medicine

30

Sum of the total number of hours for all semesters:

3850,00

Any "special elective" hours taken that exceed the specified target in the semester will be credited as "general electives".