

Veterinary Medicine

Curriculum and teaching



Veterinary Medicine in TV Shows



Reality: High-tech Medicine in Companionian Animals



Reality: Herd Health Management in Food Animals



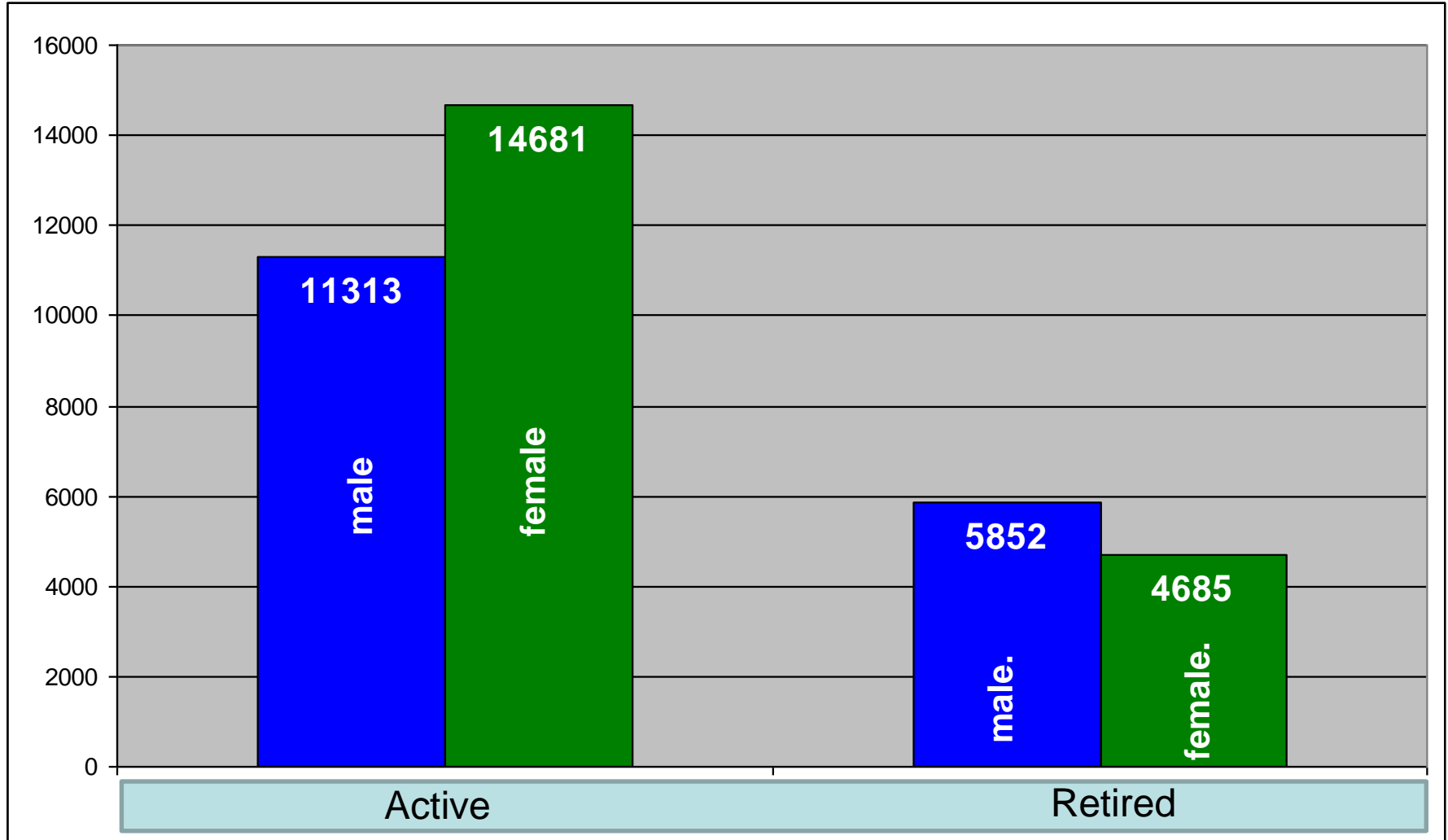
Reality: Veterinary Public Health



Where are Vets working

Vets in practice	17 300	66 %
Government etc.	5 500	21 %
Industry	1 300	5 %
University etc.	1 900	8 %
Total	26 000	

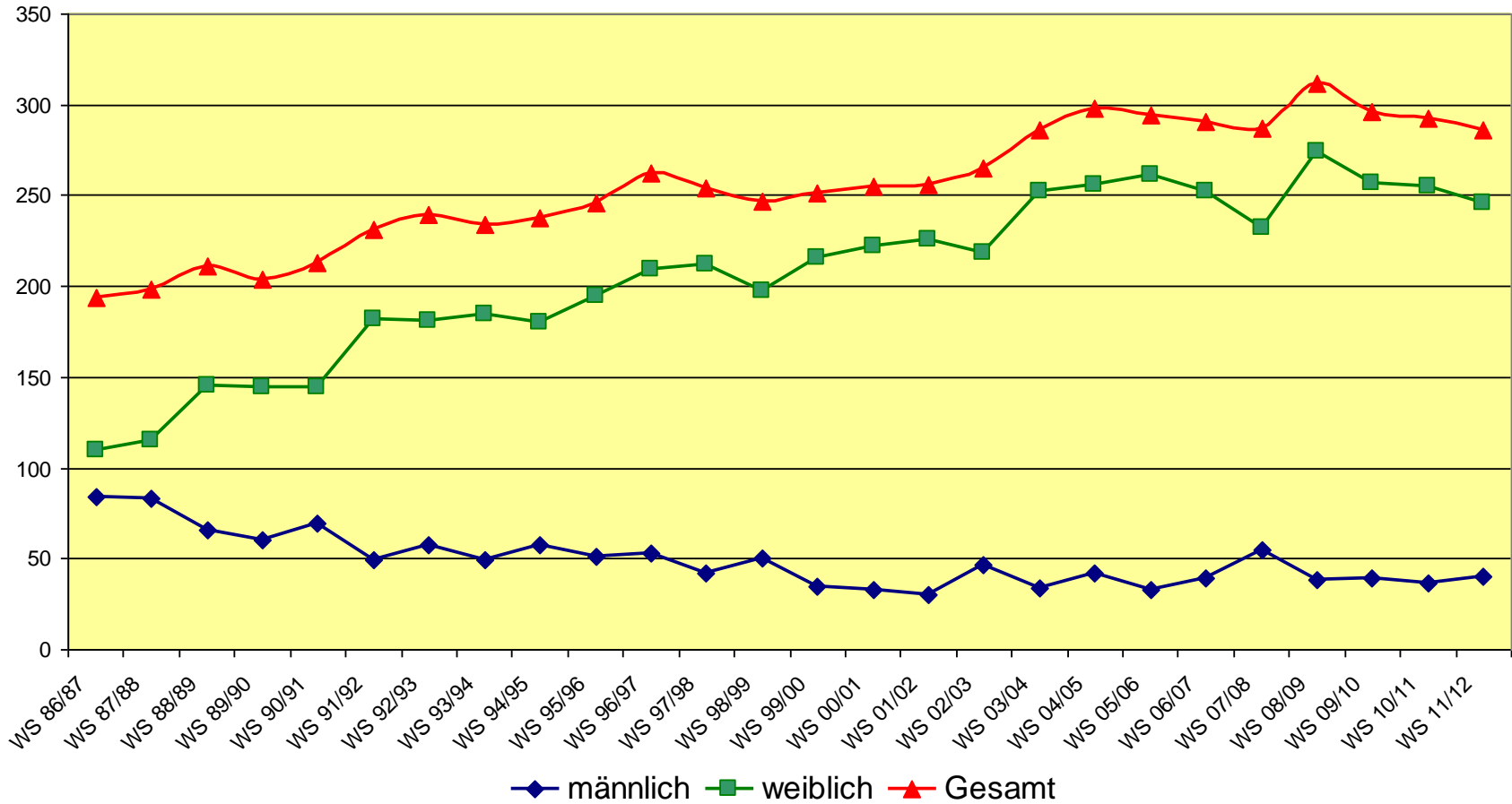
36 000 Vets in Germany (including retired)



Quelle: Tierärztestatistik im Dt. Tierärzteblatt, Stand: 31.12. 2010

Enrolment

Erstsemester



General outline of the curriculum

Categories of subject

“core” subjects taken by every student (3542 hrs)

“elective” subjects, to be selected from a list of offered subjects (308 hrs)

obligatory extramural work (1170 hrs). = **total 5020 hrs**

Theoretical training

Didactic lectures offer theoretical knowledge.

Seminars directed at a smaller group of students.

Self-directed learning (e.g. E-learning)

Supervised practical training

Laboratory and desk based work

Students actively perform laboratory experiments or use microscopes for the examination of histological or pathological specimens.

Clinical case studies or handling of herd-health programmes.

Non-clinical animal work.

work on normal animals, objects, products, carcasses etc.
(e.g. dissections in anatomy, food inspection).

Clinical training

Extramural training

Semester	Theoretical training		2476	Supervised practical training			Total
	(A) Lectures	(B) Seminars	(C) Self-directed learning	(D) Laboratory and desk based work	(E) Non-clinical animal work	(F) Clinical work	
1 st & 2 nd	588	34 [#]	8	42	56		728
3 rd & 4 th	434	34 [#]	8	168	70		784
5 th & 6 th	728	60 [#]	24	98		28	1088
7 th	336	44 [#]	12	98			490
8 th & 9 th	28	28	110		126	688	980
10 th & 11 th						250 [#] ; 700 [#]	950
Total	2114	200	162	406	252	716	5020

[#] Elective subjects; Extramurals: ^aclinical training, ^bagricultural training, ^cveterinary public health

Exams – Preclinical Studies

- Preclinical exam - Part 1
 - Physics (written)
 - Botany (oral)
 - Chemistry (oral)
 - Zoology (written)
 - Preclinical exam - Part 2
 - Anatomy
 - Histology, Embryology
 - Animal husbandry, Genetics
 - Physiology
 - Biochemistry
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Clinical Part Semester 5 - 11

- **Semester 5 – 7** Clinical and paraclinical lectures, training units etc.
 - **Semester 8 and 9** Clinical rotation
 - **Semester 10** Extramural studies
 - **Semester 11** Final exams
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Clinical Rotation

Clinic of Small Animal Internal Medicine	6 weeks	30 – 36 students
Clinic of Small Animal Surgery and Repro.	3 weeks	15 – 18 students
Clinic for Ruminants	6 weeks	30 – 36 students
Clinic for Horses	3 weeks	15 – 18 students
Clinic for Pigs	2 weeks	10 – 12 students
Birds/Poultry and Reptiles/Fish	2 weeks	10 – 12 students

Exams – Clinical Part

- Animal Hygiene*
 - Animal welfare, Ethology
 - Animal nutrition
 - Bakteriology, Mycology
 - Parasitology
 - Infection epidemiology
 - Pharmacology, Toxicology
 - Legislation on pharmaceuticals *
 - Milk Science *
 - Meat Hygiene
 - Food Science
 - Radiology
 - Clinical Propaedeutics **
 - Poultry diseases *
 - Pathology
 - Reproduction medicine *
 - Internal Medicine **
 - Surgery and anaesthetics *
 - Forensic Veterinary Medicine
- Red subjects: written exam, 100%**
- * Subjects with exams in two parts
(e.g. written 50%, oral 50%)
- ** Subjects with OSCE-test
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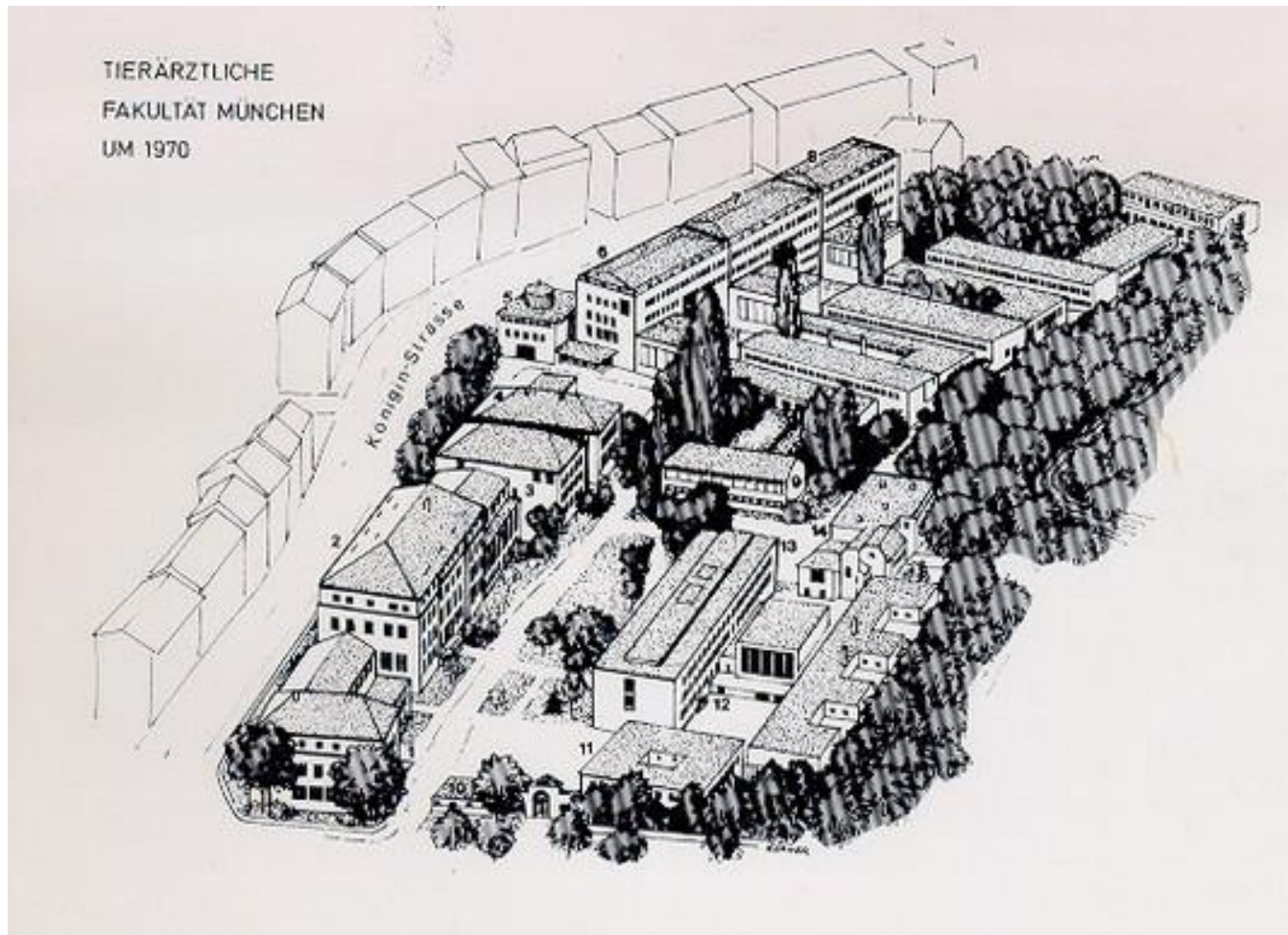


Extramurals

- Agriculture (70 hours)
- Clinical extramural (150 Stunden)
- Public Health (75 hours)
- Slaughterhouse (100 hours)
- Food control (75 hours)
- Clinical extramural (700 hours)



Standorte - Innenstadt



Standorte - Oberschleißheim



TIERMEDIZIN OBERSCHLEISSHEIM ca. 15 km zur Stadtmitte München

Verkehrsanbindung:

Eisenbahn, S-Bahn: S 1 München-Freising

U-Bahn: U6 bis Garching/Hochbrück






Buslinien: 292 ab Garching/Hochbrück

1. Lehr- und Versuchsgut, St.-Hubertus-Straße 12

2. Geflügelklinik, Sonnenstraße 18

3. Klauentierklinik, Sonnenstraße 16

4. Zentrum für Lebensmittelhygiene und Tierernährung, Schönleutnerstraße 8

-  Universitätsgebäude
-  bebaute Flächen
-  Planungsgebiet Tierkliniken
-  Buslinie mit Haltestelle
-  Eisenbahn

Nebenkarte V

Campus Oberschleißheim



