



UNIVERSITÄT
HOHENHEIM



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Faculty of Agricultural Sciences

Master Agricultural Sciences

Major: Animal Science



University of Hohenheim



Founded 1818

9000 Students

3 Faculty's :

- **Agriculture**
- **Natural Sciences**
- **Economics & Social Sciences**

The Faculty of Agriculture:

- **2.500 Students**
- **3 B.Sc. Programs**
- **14 M.Sc Programs**

Animal Science

The Master profile Animal Science provides a well rounded education in the field of resource-efficient, sustainable and species compliant husbandry of farm animals

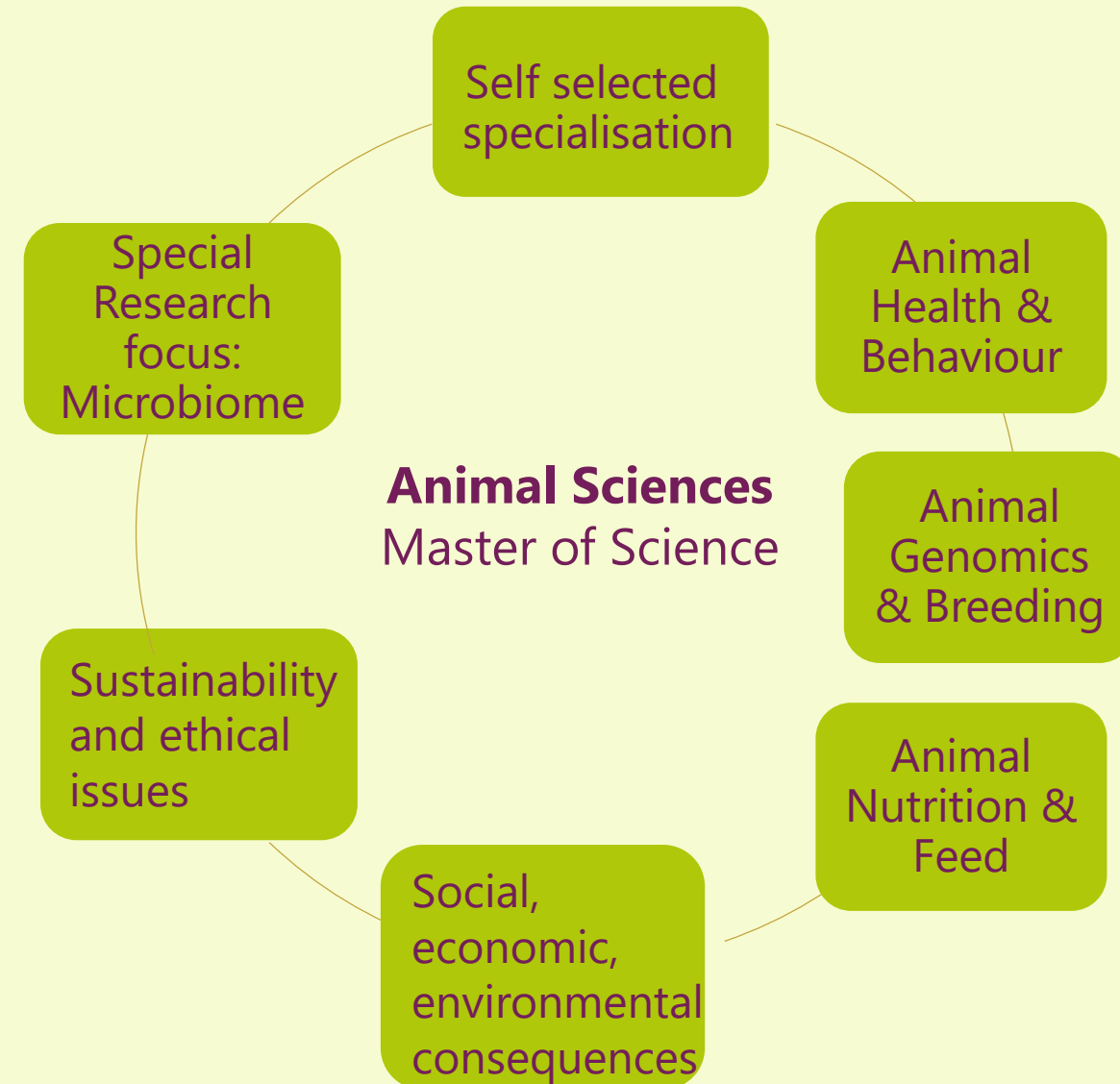


Course Content:

- Animal Nutrition
- Animal Breeding
- Animal Behaviour and Husbandry
- Animal Microbiome
- Animal Health

Animal Science

- We are NO 1 in Agricultural Research in Germany!
- We have 11 different research teams in the field of livestock sciences
- We have a unique research infrastructure: Hohenheim Center for Livestock Microbiome Research 
- 4 semester study period
- 120 credits
- Entirely taught in English language
- Application deadlines:
 - Non EU applicants: 15th March for WS
 - EU applicants: 15th March for SS
 - EU applicants: 15th of Sept. for WS



Study content close to practice

- Excursions are integrated into modules
- Enjoy practical lab work as part of some modules
- Teaching units taught by external lectures coming out of practice are included into modules
- Applied master thesis topics in research, industry, organisations and agriculture are available, as well in national and international projects. Choose according to your personal interest.



Studying in a international community!

- Small groups (around 30 students per program)
- Entirely taught in English language
- Study colleagues out of the entire world (around 15 nationalities per study batch)
- Gain a lot more than knowledge from intercultural exchanges with your colleagues



ANIMAL SCIENCE

1st Semester	2nd Semester	3rd Semester	4th Semester
Animal Health (6 credits)	Semi-elective module (7.5 credits)	Elective module (6 credits)	Master Thesis (30 credits)
Animal Microbiome (6 credits)	Semi-elective module (7.5 credits)	Elective module (6 credits)	
Behavioral Physiology and Animal Welfare (6 credits)	Semi-elective module (7.5 credits)	Elective module (6 credits)	
Genomic Animal Breeding (6 credits)	Semi-elective module (7.5 credits)	Elective module (6 credits)	
Nutritional Physiology (6 credits)	Semi-elective module (7.5 credits)	Elective module (6 credits)	

 Compulsory module

 Semi-elective module

 Elective module

Examples for some semi elective modules

Module Title

Animal Behavior

Animal Breeding Methods: From Theory to Practice

Animal Hygiene and Welfare

Ruminant Nutrition

Promotion of Livestock Production in Tropical Environments

Feedstuff Microbiology

Honeybee Research and Beekeeping Techniques

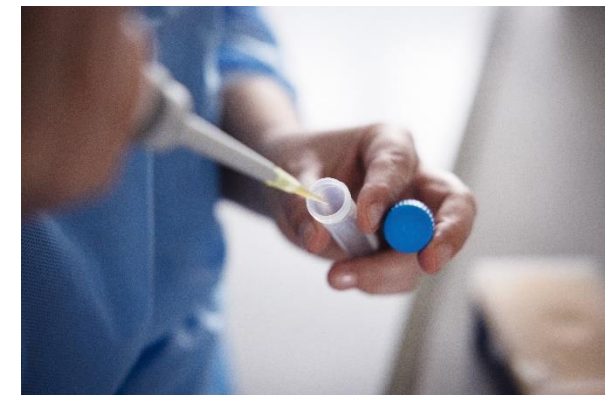
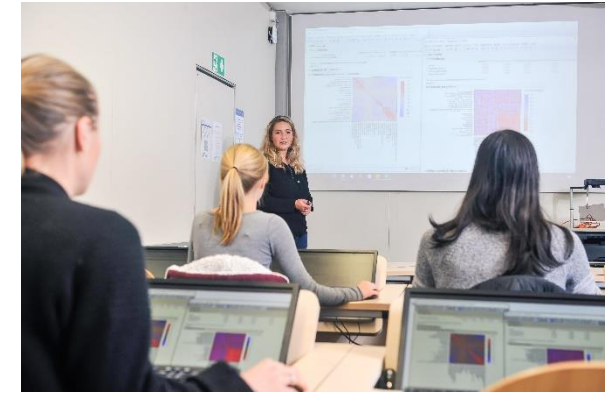
Immunology and Infection Biology

Physiological Limitations of Animal Performance

Molecular Animal Genetics

Molecular Biology and Data Analysis in Microbiology

... and many more

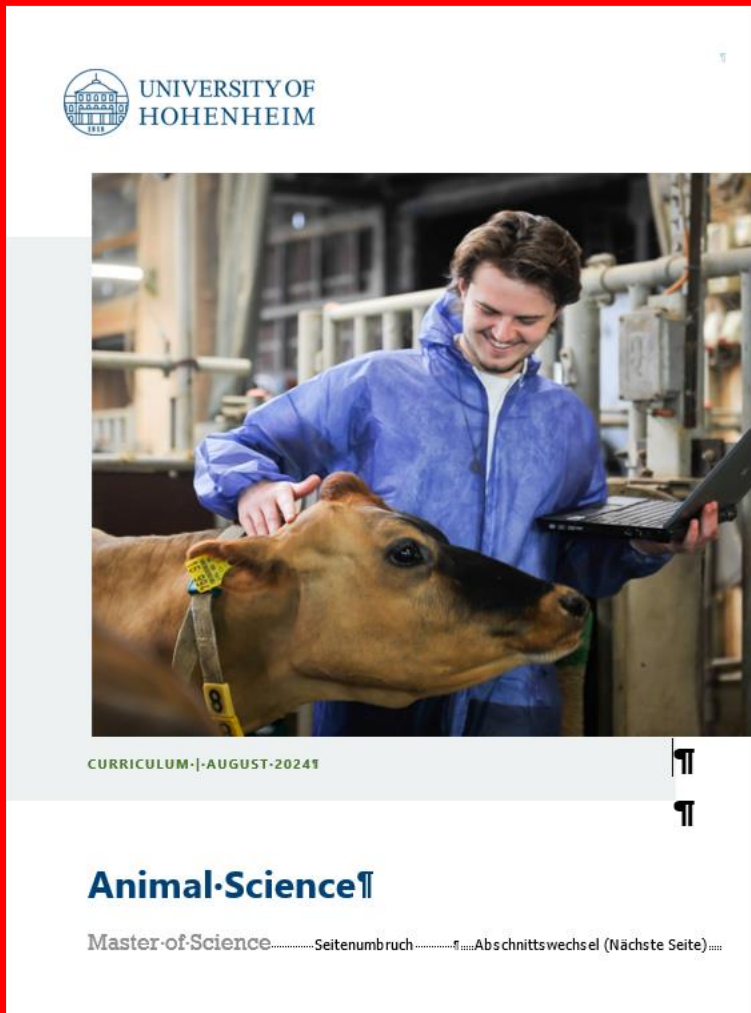


ELECTIVE MODULES

Elective modules can be chosen from the entire offer of modules on Master's level of the University of Hohenheim or other universities in Germany or abroad.

The curriculum contains a comprehensive list of suggested elective modules.

Check
curriculum



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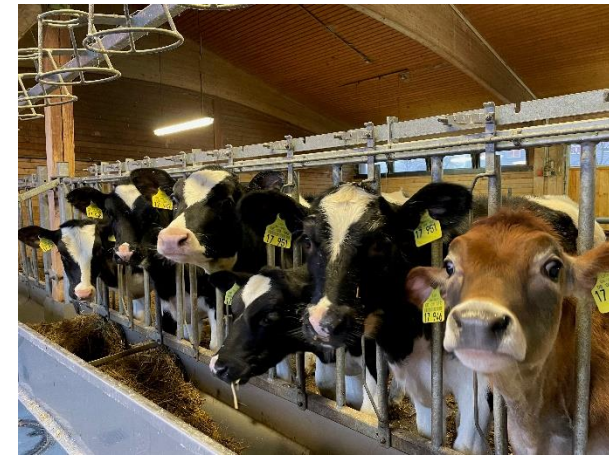
CURRICULUM - | - AUGUST 2024

Animal-Science

Master of Science Seitenumbruch f Abschnittswechsel (Nächste Seite)

Research / Thesis Topics - examples

- Nutritional approaches to mitigate the environmental impact of livestock
- Genomic dissection of resilience indicator traits in dairy cattle
- Coping with challenging environments: behavioural and physiological adaptations
- Analysis of the pathobiology of infectious agents as the basis for novel vaccine strategies
- Signatures of selection and environmental adaptation in animal genomes
- Impact of dietary interventions on microbiome and health in young livestock species



Career Chances in following sectors

- Companies on the livestock sector
- Organisations on livestock and farming
- Agricultural administration and consulting
- Governmental and non governmental organisations
- Specialized journalism and public relations
- Universities and research institutions



Admission Requirements

- Above average B.SC. Degree in Agriculture, Biology, Veterinary Sciences or related discipline (2.5 or better)
- Recommendation letter and/or motivation letter in case of not matching the grade 2.5 or better
- An officially excepted proof on English language skills (TOEFL: 90 or IELTS: 6.5, Duolingo: 125) (Abitur minimum 8 points)





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See you again in Hohenheim

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SCAN ME