PhD-courses organised through GS-VMAS 2022 – 2025

Yearly courses (2022-2025)

- Advanced use in Excel, 2 ECTS
- Presentation techniques and current research in veterinary medicine and animal science, 4 ECTS
- Introduction to programming in R, 2 ECTS
- How to write your first grant application, 1 ECTS
- Genome Analysis, 10 ECTS/2023 changed to Analysis of Genomes 7.5 ECTS and Biology of Genomes 7.5 ECTS
- Introduction to bioinformatics, 10 ECTS

2022

- Animal ethics, 3/4.5 ECTS
- Animal Welfare and the UN Sustainable Development Goals, 3 ECTS

2023

- Quality assurance for laboratory work in PhD-projects, 2 ECTS
- Environmental impact from animal production, 2 ECTS

2024

- Animal ethics, 3/4.5 ECTS
- Animal Welfare and the UN Sustainable Development Goals, 3 ECTS

2025

- Quality assurance for laboratory work in PhD-projects, 2 ECTS
- Environmental impact from animal production, 2 ECTS

2022 Ad hoc courses

- Digital tools and objective methods for motion research in animals, 3 ECTS
- How to read and write a scientific paper, 1 ECTS
- Questionnaire Design and Management, 3 ECTS
- Reproducibility in Research with a focus on data analysis using the program R, 2 ECTS
- Ruminant Nutrition-Digestion and forage chemistry, 7 ECTS
- Sperm Quality Evaluation, 2 ECTS
- One health: concept, cases and methodology, 3 ECTS
- Introduction to Python for data science, 2 ECTS
- Multi-level modelling, 5 ECTS

2023 Ad hoc courses

- Primary production of animal source food 3 ECTS
- Survey methodology for questionnaire-based surveys 4 ECTS
- Introduction to Python for data science 2 ECTS
- Equitation Science 4 ETCS
- Understanding cognition and emotions to improve animal welfare 3 ECTS
- Understanding infectious diseases by fusing epidemiology, genetics and modelling ECTS
- Computer science methods, digital tools and objective methods for motion research in animals 3 ECTS
- Machine Learning in Agricultural Bioinformatics 3/5 ECTS

2024 Ad hoc courses

- Animal personalities 2 ECTS
- Comparative reproductive biotechnologie 2 ECTS
- Introduction to Python for data science 2 ECTS
- One Health: concept, cases and methodology 4 ECTS
- Reproducibility in Research with a focus on data analysis using the program R 4 ECTS
- Epigenetics and Sustainable Animal Production 8 ECTS
- Host-microbe interactions in the gut 3 ECTS
- Introduction to Julia for natural sciences 2 ECTS
- Grazing and herbivory with focus on domestic ruminants and semi wild herbivores 3 ECTS
- Introduction to programming in Matlab 3 ECTS

2025 Ad hoc courses

- Data handling and high-quality illustrations for publications 3 ECTS
- Comparative Animal Physiology - How animals work and why the work the way they do 3 ECTS
- Machine Learning for Agriculture and Natural Sciences 5/7.5 ECTS
- Survey methodology for questionnaire surveys 4 ECTS
- Animal movements - from free ranging to restricted indoor environments 3 ECTS
- Primary production of animal source food - systems perspective and sustainability assessment 3 ECTS

"Ad hoc courses are those subject specific courses that apply in our yearly calls"