

Why...

## ...Master's Studies in Comparative Biomedicine?

### Research Focus

The Master programme in Comparative Biomedicine is focused on two important areas of future research in molecular medicine:

- Tumor Signalling Pathways
- Infection Biomedicine

### Internationality

Approximately 90 percent of students in the Master's Studies of Comparative Biomedicine gain experience abroad in the course of their studies – either as interns or while performing Master's Thesis work. As a result of the international reputation of this programme, the student body is made up of diverse cultures and citizens.

### Personal Attention

Due to the low number of students, intensive support by faculty is guaranteed.

### Launch Your Research Career

Master's Studies graduates are optimally prepared to attend international PhD programmes at renowned institutions (e.g. Cambridge, London (UK), Zurich (CH), IMP+IMBA (Austria)) and are qualified for such coveted university places.

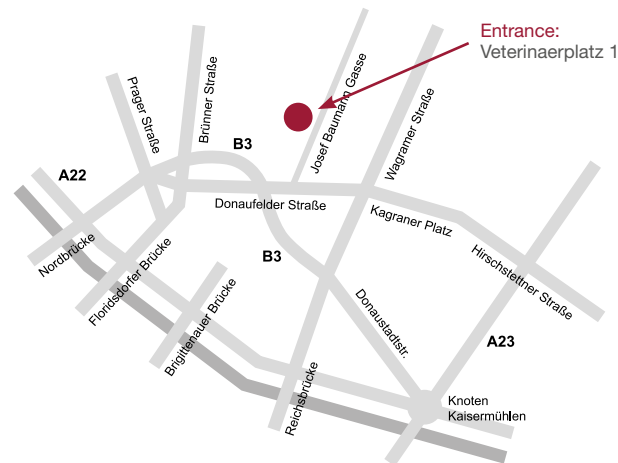


## Contact

For **questions concerning studies**, please contact:  
[zulassung@vetmeduni.ac.at](mailto:zulassung@vetmeduni.ac.at)

To **exchange information** with experienced students please contact:

**Students' Association of the University of Veterinary Medicine, Vienna, Student Representation Biomedicine and Biotechnology**  
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## Comparative Biomedicine Master's Studies



## Studies

Master's Studies in Comparative Biomedicine offer scientific specialization and immersion through a research-based education. Particular emphasis is placed on independent scientific thinking and working, which is expressed in the concluding Master's Thesis: Students are expected to formulate an appropriate question together with a leading scientist, present the current state of knowledge, choose working methods for solving the relevant issue and independently perform all necessary laboratory work and measurements.

### Admission procedure

See details on our website: [www.vetmeduni.ac.at](http://www.vetmeduni.ac.at)

#### Structure and Duration of Studies

**Duration:** 4 semesters  
(120 ECTS-points, 71 semester hours)

**Practice:** 8 weeks

**Places:** 15 every winter semester

Conclusion with **Master's Thesis**

**Academic title:** Master of Science (MSc)



## Curriculum

### Focus:

- Tumour Signalling Pathways
- Infection Biomedicine

### 1<sup>st</sup> Year

- Molecular Biology
- Biomedicine
- Biomodels
- Virology, Bacteriology, Parasitology
- Immunology and Pathology
- Bioinformatics
- Electives

### 2<sup>nd</sup> Year

- Biomedicine
- Molecular Biology
- Technology training
- Bioinformatics
- Biomedical Economy
- Electives
- 8 weeks practice
- Master's Thesis: 1 semester

## Further Education

- Doctorate Studies
- PhD programmes

## Professional Fields

**Graduates of Master's Studies in Comparative Biomedicine may pursue careers in a number of fields:**

- Research in the pharmaceutical and biomedical industry
- Product development and research in the biomedical field
- Universities and other post-secondary institutions of higher education
- Non-university research institutions
- Public and private research facilities
- Public and private health facilities

