

vetmeduni

Want an
upgrade?

MASTER'S PROGRAMME (MSc)

**Comparative
Biomedicine**

in Vienna

Why ...

... Master's Programme in Comparative Biomedicine?

Research focus

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

- Tumor Signalling Pathways
- Infection Biology

Internationality

Approximately 90 percent of students in the master's programme of Comparative Biomedicine gain experience abroad in the course of their studies – either as interns or while performing the master thesis. 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 highly motivated faculty members including professors is guaranteed.

Launch your research career

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



Prof. Moriggl and students during a laboratory examination
Photo: Michael Bernkopf | Vetmeduni

Studies

The master's programme in Comparative Biomedicine offers 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 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 problems and independently perform all necessary laboratory work and measurements.

Structure and Duration of Studies

Duration: 4 semesters
(120 ECTS credits)

Practice: 8 weeks

Study places: 15 every winter semester

Conclusion with **Master's Thesis**

Academic grade: Master of Science (MSc)

Language of instruction: English

Tuition fee per semester:

EU/EEA/CH citizens € 363,36 with temporary exemption | third country nationals € 726,72



Teaching situation in small group instruction

Photo: Michael Bernkopf | Vetmeduni

Curriculum

Focus

- Tumour Signalling Pathways
- Infection Biology

1st Year

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

2nd Year

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

Further Education

- Doctorate Studies
- PhD programmes



Hands-on laboratory and tissue culture work experiences will be gained

Photo: Michael Bernkopf | Vetmeduni

Professional Fields

Graduates of the Master Programme 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



MASTER'S PROGRAMME (MSc)

Comparative Biomedicine in Vienna

- 4 semesters
- Basic, applied and clinical
- Understanding and treatment of cancer & infectious diseases
- Focus 1: Tumour Signalling Pathways
- Focus 2: Infection Biomedicine
- 15 students, mentoring system

In the event of **questions concerning studies**, please contact:
zulassung@vetmeduni.ac.at



Or visit our website for further information of the **Master's programme**: <https://www.vetmeduni.ac.at/biomedicine>

Studying at the Vetmeduni, general information:
<https://www.vetmeduni.ac.at/en/studies/prospective-students>



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