



UNIVERSITY  
OF SKÖVDE



## MASTER'S PROGRAMME

# INFECTION BIOLOGY 60/120 ECTS

At the University of Skövde, we offer two Master's programmes in Infection Biology (60/120 ECTS) where you will study molecular mechanisms and processes involved in the pathogenesis of different microorganisms as well as the molecular and cellular processes of the immune system. You will also use laboratory and computer-based techniques that can be applied within the fields of human and animal health. In the programmes you will also study the structure of genes and proteins as well as the understanding of their function and regulation.

- *The University of Skövde offers a friendly classroom environment where the lectures are strongly linked to on-going research in infection biology.*
- *The University of Skövde collaborates actively with several companies within the Life Science area.*
- *The Systems Biology Research Centre at the University of Skövde has been evaluated by international reviewers as an excellent research environment.*

## THE FOCUS OF YOUR STUDIES

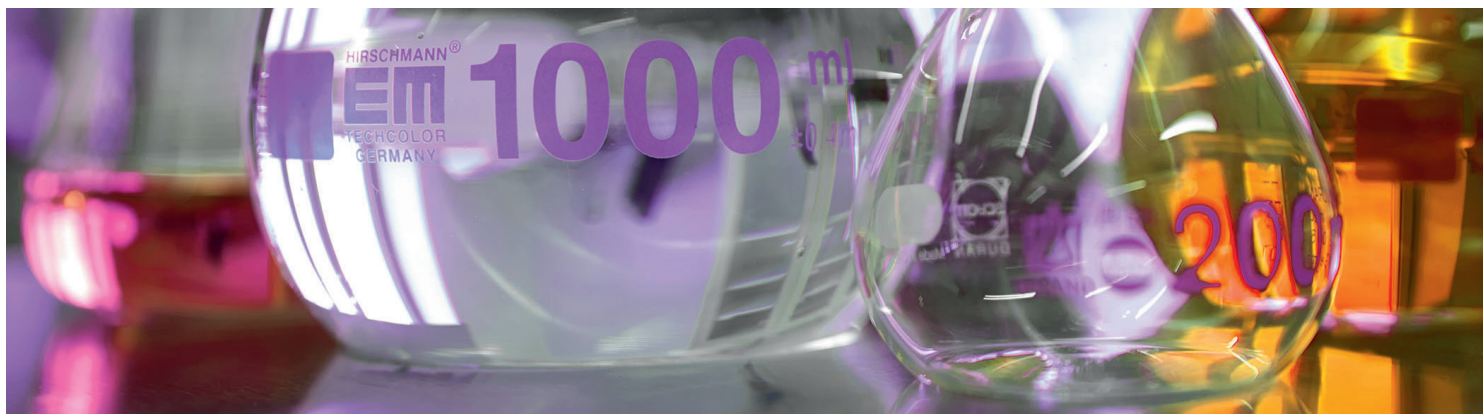
The programmes involve in-depth research oriented studies in the areas of Molecular Biology, Infection Biology, Bioinformatics and Systems Biology. Independent laboratory work and computer-based analysis of experimental biological data are prominent parts of the studies. Advanced laboratory facilities are employed for DNA and protein analyses such as PCR amplification, qPCR, site-directed mutagenesis, cloning, and protein expression. Computational resources are used for experimental data analysis and database searching.

The programmes are concluded with a master degree project work (30/45 ECTS credits) in the last semester. During the project work, you will expand your theoretical and laboratory knowledge and solve a relevant research problem. The project work is performed individually under the direction of supervisors qualified in the field.

## DEGREE

The one-year (60 ECTS) Masters programme leads to a Degree of Master of Science (60 credits) with a major in Bioscience.

The two-year (120 ECTS) Masters programme leads to a Degree of Master of Science (120 credits) with a major in Systems Biology.



## TESTIMONIAL



**Name:** Irina Agafonova  
**From:** Russia

### What do you like the most about your study programme?

I think the study programme includes courses that provide the most essential and relevant knowledge, both in theory and in practice. Especially valuable and exciting for me were laboratories where we worked both independently and in collaboration with other students and supervisors and tried state-of-the-art techniques. Also we have been given the opportunity to develop key skills such as critical reading and writing, making oral presentations, posters, and independent study, of course.

## ADMISSION REQUIREMENTS

Applicants must have a bachelor's degree (180 ECTS credits) in the biological or medical area. The biological area is here defined as: Molecular Biology, Biochemistry, Microbiology or Physiology. The medical area is here defined as Biomedicine but also include Pharmacology.

A further requirement is proof of skills in English equivalent of studies at upper secondary level in Sweden, known as English course 6 / English course B. This is normally demonstrated by means of an internationally recognized test, e.g. IELTS, TOEFL or the equivalent.

The students must reach an overall mark of 6.5 on the IELTS. On the internet-based TOEFL the minimum total score is 90, and 575 on the paper-based TOEFL. Some applicants are exempted from providing test scores, e.g. if their degree is from a university that has English as the only language of instruction. Please read more at [www.universityadmissions.se](http://www.universityadmissions.se).

## HOW TO APPLY

You are welcome to apply directly to our study programmes at [www.universityadmissions.se](http://www.universityadmissions.se), the national Swedish application service, where you can find all the necessary information regarding programmes, applications and processes. Applications are submitted directly on the web. At [www.universityadmissions.se](http://www.universityadmissions.se) you can also keep track of your application, see that all credentials have been uploaded, etc.

## APPLICATION DEADLINE

- Autumn admission round: 15 Januari.

## FEES

Students who are citizens of a country within the EU/EEA or Switzerland do not have to pay any application or tuition fees to study in Sweden. Students from outside the EU/EEA area have to pay application and tuition fees for studying in Sweden, according to a decision taken by the Swedish Parliament. The students who are liable to pay for their studies in Sweden have to pay an application fee of around 900 SEK (Swedish kronor) for the application to be processed, according to the instructions available on the website [www.universityadmissions.se](http://www.universityadmissions.se).

The international programmes available at the moment cost 130 000 SEK per academic year (60 ECTS). The tuition fee will be charged by the University of Skövde in advance of each semester (65 000 SEK/semester).

## SCHOLARSHIPS

The University of Skövde offers a number of scholarships to students who are attending an international master's programme at the University and who are liable for tuition fees. Find more information at [www.his.se/scholarships](http://www.his.se/scholarships).

## FURTHER INFORMATION

For complete information please visit our websites: [www.his.se/infection-biology-60ects](http://www.his.se/infection-biology-60ects), [www.his.se/infection-biology-120ects](http://www.his.se/infection-biology-120ects) and [www.his.se/masters](http://www.his.se/masters).

## UNIVERSITY OF SKÖVDE IN SOCIAL MEDIA

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## CONTACT

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