



Master's Programme in Experimental Medicine

One programme –four elective research profiles.

This programme emphasizes on frontline knowledge in the field of Experimental Medicine, in an environment of close collaboration between Academia, Research Environments, Health Care and Life Science Industry.

Our welcoming and recently inaugurated campus is located at the University Hospital and close to the bicycle-friendly city. Örebro has close proximity to vast forests, lakes and mountains facilitating an active lifestyle.



ABOUT THE EDUCATION

The programme focus on the understanding of cellular and molecular mechanisms related to the pathogenesis and pathophysiology of many common health issues with a common denominator in inflammatory mechanisms.

The curriculum is student centered with a mix of labs, lectures, seminars, journal clubs and PBL work, all designed to cultivating a curious research oriented mind. We mentor our students and help them develop their individual networks in order to provide optimal preparation for a further career in science.

All teachers are active researchers bringing their latest research into the classroom to discuss with you.

COURSES

All courses are taught in English. No tuition fees for students with citizenship from the European Union (EU), European Economic Area (EEA) countries or Switzerland.

OVERVIEW OF THE PROGRAMME

SEMESTER 1

Cell and Molecular Biology in Inflammatory Processes. 30 credits

SEMESTER 2

Human Genomics and Functional Genomics Data. 7.5 credits

Translational Medicine. 15 credits

Personalised Medicine and Systems Biology. 7.5 credits

SEMESTER 3–4

Elective profile courses. 15 credits

Research Degree Project. 45 credits

FOUR ELECTIVE RESEARCH PROFILES

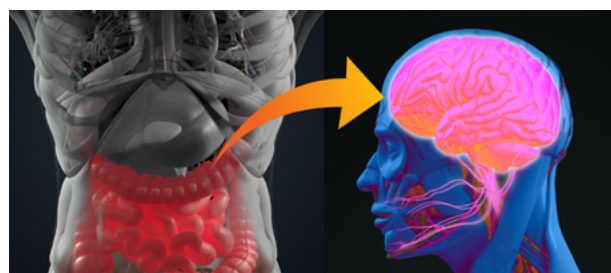
Cardiovascular biomedicine



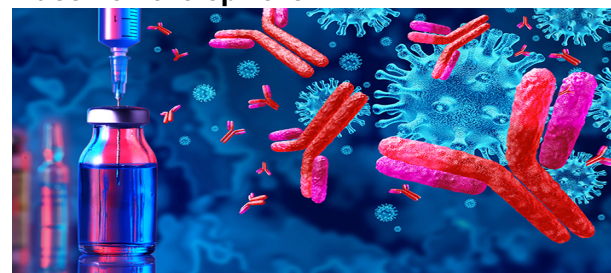
Inflammation in Health and Disease



Nutrition-Gut-Brain Interaction



Vaccine Development



Hear it from our students

<https://www.youtube.com/watch?v=Pck1sLQn4U4>



More information

<https://www.oru.se/english/study/master-students/masters-programmes/masters-program-me-in-experimental-medicine/>