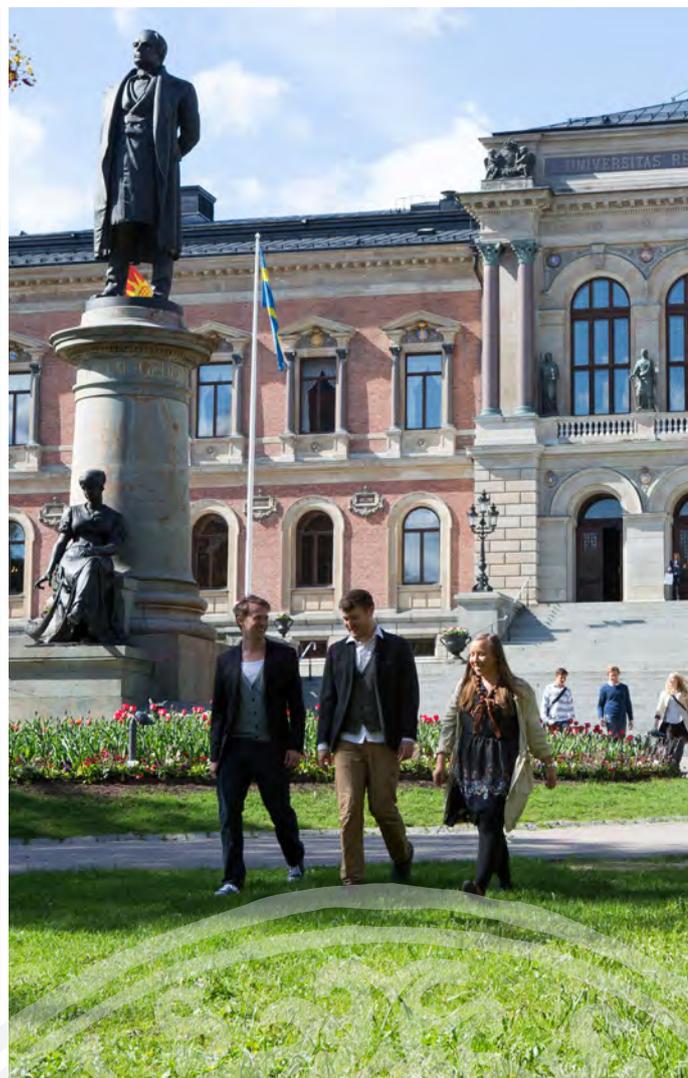




UPPSALA  
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# Master Programmes at the Faculty of Medicine and the Faculty of Pharmacy



[www.medfarm.uu.se](http://www.medfarm.uu.se)



# Join the Disciplinary Domain of Medicine and Pharmacy for your International Master of Science (MSc) degree!

The domain offers thirteen Master Programmes, nine that are entirely taught in English and four programmes given mainly in Swedish. You are welcome to a highly international environment where leading experts work alongside students as colleagues supporting your development. We encourage professionals and students with a Bachelor from a wide variety of backgrounds spanning from the life sciences as well as technology areas to apply for these programmes. The English programmes cover several areas in Medical Science as well as Global Health and Pharmaceutical Modelling. The Swedish programmes focus on Public Health, Medical Imaging and the Management, Discovery, and Development of Drugs. The majority of the programmes have a duration of two years of full-time studies.

All programmes are a perfect starting point for an academic career as a PhD student as well as for research positions in the biotech and pharmaceutical industry. The collaboration between the programmes gives you the opportunity to get empowered with the specific knowledge and skills that you require for your future career as medical professionals, scientists and healthcare leaders throughout the world.

## Biomedicine

**From the ailing body and the ailing brain to the discovery and development of new drugs!**

### Focus

Endocrinology, neurobiology and pharmaceuticals. You will open doors to both biomedical research and clinical drug development. Choose your own career path by taking eligible courses in a variety of subjects with a strong connection to current research within medicine and biotechnology.

### Contact

[biomedmaster@neuro.uu.se](mailto:biomedmaster@neuro.uu.se)

## Forensic Science

**The next crime scene is yours!**

### Focus

Forensic science, genetics, forensic medicine, forensic chemistry and analytical toxicology. Courses include crime scene processing, fingerprint development techniques, forensic DNA analysis, chromatographic techniques and drug analysis. The programme is interdisciplinary with a strong focus on different scientific methods used in criminal investigations.

### Contact

[forvet@igp.uu.se](mailto:forvet@igp.uu.se)

## Global Health

**Prepare yourself for leadership roles in global health!**

### Focus

Global health, child health, global nutrition, sexual and reproductive health and rights. This programme equips students from multiple disciplines and all continents with skills to appreciate and analyse global health problems and to develop and evaluate actions to improve public health.

### Contact

[imch.education@kbh.uu.se](mailto:imch.education@kbh.uu.se)

## Medical Nuclide Techniques

**Image the future!**

### Focus

Medical applications of radionuclides for imaging (e.g. PET and SPECT) and tumour therapy. This unique programme gives you a highly specialized education in an interdisciplinary area.

### Contact

[mastermednucl@igp.uu.se](mailto:mastermednucl@igp.uu.se)

## Infection Biology

**Prepare for the microbial attack!**

### Focus

Deep understanding of the molecular processes underlying host-microbe interactions during infections, antimicrobial resistance development and emergence of new/zoonotic diseases. Knowledge in clinical diagnosis, surveillance and prevention of infectious diseases and emergency planning in a global health perspective.

### Contact

[inf.biol.master@imbim.uu.se](mailto:inf.biol.master@imbim.uu.se)

## Medical Research

**A stepping stone to PhD studies!**

### Focus

To provide a theoretical ground and practical laboratory experience as a preparation for PhD-studies. You will get a broad and deep insight into current biomedical research activities and methods, as well as a network of contacts with scientists in the field. The programme will help you to make sound decisions of future research directions, e.g. as PhD students.

### Contact

[susanne.lundgren@imbim.uu.se](mailto:susanne.lundgren@imbim.uu.se)

## Molecular Medicine

Tomorrow's health care – today's education!

### Focus

The development of novel molecular technologies to predict, diagnose and treat diseases will be important in tomorrow's health care. This master programme offers an education at the research frontier in medical genomics/epigenomics/proteomics. The strong component of cutting-edge research in the programme will provide a suitable basis for your future career.

### Contact

[mastermolmed@igp.uu.se](mailto:mastermolmed@igp.uu.se)

## Programmes given only in Swedish

## Public Health

Public health for Common Wealth!

### Focus

The society's need of knowledge regarding preventive actions and public health issues continues to increase and is a prioritised area both on an individual and a societal level. You will acquire broad knowledge in prevention, public health, and in the organisation and management of Swedish health care. The programme is suitable for students from multiple disciplines who will work within public health issues in municipalities, county councils, agencies and commercial companies.

### Contact

[elina.backman@pubcare.uu.se](mailto:elina.backman@pubcare.uu.se)

## Drug Management

Make a difference - enhance the use of drugs!

### Focus

The use of drugs in society is far from optimal. This programme will provide you with theoretical and practical knowledge in order to improve different aspects regarding drug management, how drugs are prescribed as well as how they are used by the individual patient.

### Contact

[emma.lundkvist@farmbio.uu.se](mailto:emma.lundkvist@farmbio.uu.se)

## Pharmaceutical Modelling

Leaders of computer-based drug discovery!

### Focus

Computer-based modelling is increasingly used in all aspects of drug discovery, development, and usage. This programme will provide you with theoretical and practical knowledge of the use of advanced modelling techniques in the various disciplines of drug discovery, development and usage. A special focus is placed on the practical application of modelling techniques, as well as on the communication of modelling results outside and within the own discipline.

### Contact

[par.matsson@farmaci.uu.se](mailto:par.matsson@farmaci.uu.se)

## Drug Discovery and Development

Discover drugs for the future!

### Focus

Drug discovery and development is a long and complicated process. This programme will provide you with knowledge about different aspects of drug development, focusing on medicinal chemistry, models in biological systems or pharmaceutical formulation and manufacturing.

### Contact

[emma.lundkvist@farmbio.uu.se](mailto:emma.lundkvist@farmbio.uu.se)

## Advanced Medical Imaging

Conduct tomorrows imaging!

### Focus

The current medical and technical development in medical imaging sets increased demands on the clinical staff that performs these cross-sectional imaging procedures. This programme will provide a deeper theoretical and practical knowledge in computed tomography, magnetic resonance imaging and nuclear medicine, including positron emission tomography (PET). The programme will also prepare the students for development work and PhD studies in these areas.

### Contact

[camilla.andersson@radiol.uu.se](mailto:camilla.andersson@radiol.uu.se)

## Innovative Medicine

– translate your knowledge into applications!

### Focus

Education in translational biomedical research. In addition to lectures, seminars and practical lab projects you will be trained in competences needed to work effectively in different interdisciplinary academic and private sector environments. The programme is a collaboration between Uppsala University (Molecular Medicine and Medical Research), Rijksuniversiteit Groningen (Medical and Pharmaceutical Drug Innovation) and Ruprecht-Karls-Universitaet in Heidelberg. Each student will study at two of the universities and obtain a double degree Master exam.

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