Master’s Programmes at the Faculty of Medicine and the Faculty of Pharmacy

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Master’s Programmes at the Faculty of Medicine
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Join the Disciplinary Domain of Medicine and Pharmacy for your International Master of Science (MSc) degree!

The domain offers twelve Master’s Programmes, ten that are entirely taught in English and two 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’s Degree from a wide variety of backgrounds spanning from the life sciences as well as technology areas to apply for these programmes. The International Programmes covers several areas of Medical and Pharmaceutical Science as well as Global Health. The programmes given in Swedish focus on Public Health and Drug Management. The majority of the programmes have a duration of two years of full-time studies.

Most 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 drug development. You will open doors to both academic research and a career in the life science industry. Choose your own career path by taking eligible courses in a variety of subjects with a strong connection to current research in the biomedical field.

**Contact**
biomedmaster@neuro.uu.se

**Forensic Science**
The next crime scene is yours!

**Focus** Forensic science, forensic genetics and medicine, law, forensic and analytical chemistry. Courses include crime scene processing, criminalistics methods, forensic DNA analysis, chromographic techniques and drug analysis, among other topics. The programme is interdisciplinary with a strong focus on methods used in criminal investigations.

**Contact**
forver@gg.uu.se

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

**Focus** Global health and migration, child health, global nutrition, sexual and reproductive health and rights. This programme equips students from multiple disciplines and all continents with the necessary skills to be able to analyse global health problems and to develop and evaluate actions to improve global public health in light of the Sustainable Development Goals.

**Contact**
imch.education@ikb.ki.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 specialised education in an interdisciplinary area.

**Contact**
mastertmednucl@igp.uu.se

**Infection Biology**
Prepare for the microbial attack!

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

**Contact**
inf.bio.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**
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**Molecular Medicine**
Discover drugs for the future!

**Focus** The discovery and development of effective medicines is one of the most important advances in modern history. The programme provides an excellent forum for you to focus on all aspects of this multidisciplinary field, which combines biology, chemistry and pharmaceutical sciences.

**Contact**
luke.odel@il.ki.se

**Drug Discovery and Development**
Discover drugs for the future!

**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 in academia or in industry.

**Contact**
mastertmedmed@gg.uu.se

**Drug Management**
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**
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**Pharmaceutical Modelling**
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 (Medical Medicine and Medical Research), Rijksuniversiteit Groningen (Medical and Pharmaceutical Drug Innovation) and Heidelberg University (Translational Medical Research). Each student will study at two of the universities and obtain a double degree Master exam.

**Contact**
immi@rug.nl

**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.

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