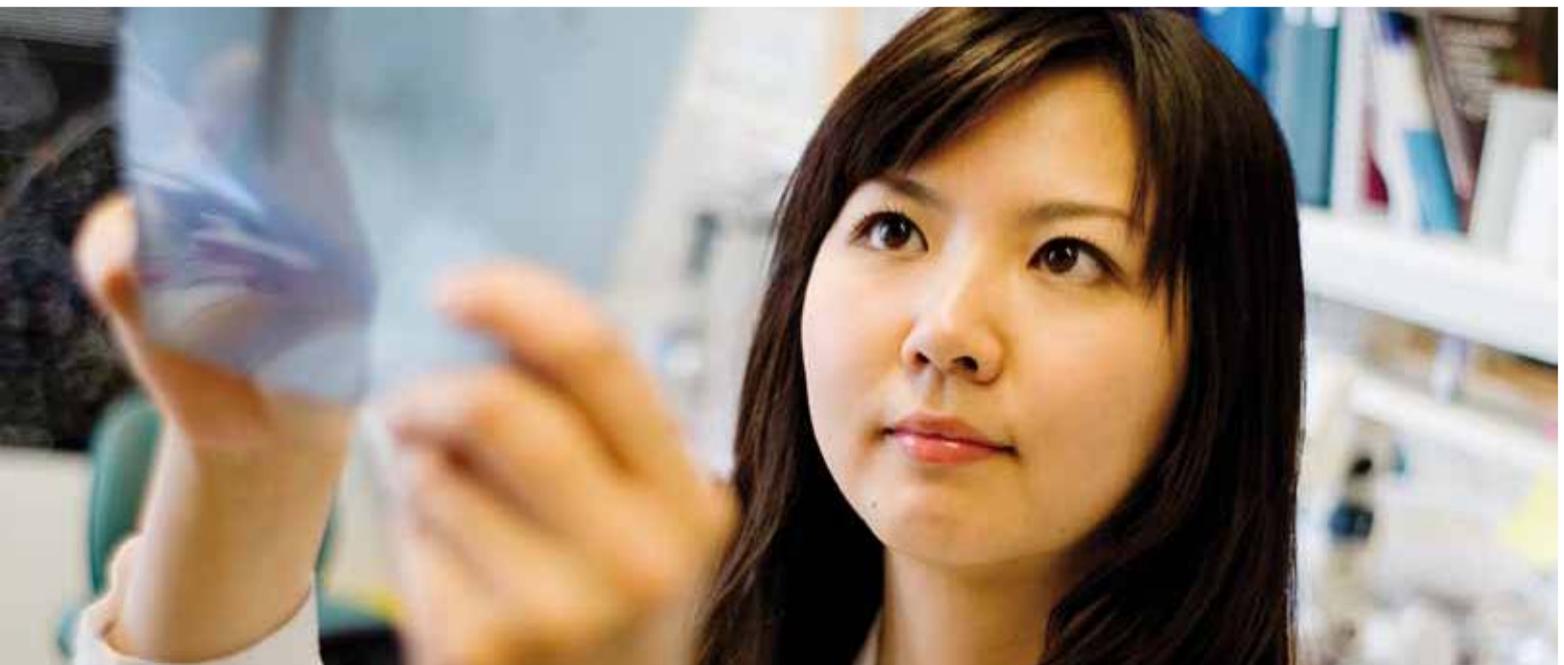


Global Master's Programme

Biomedicine

2 years, 120 higher education credits



Karolinska Institutet is one of the world's leading medical universities. Its mission is to contribute to the improvement of human health through research and education.



**Karolinska
Institutet**

The two-year Master's programme in biomedicine will advance your knowledge in the broad and expanding biomedical and molecular medicine field. The overall aim is to contribute to improving human health.

For whom?

The programme develops a strong foundation for independent work that obtains and uses new knowledge in molecular medicine, which can be used to embark on a research career, or as the basis for jobs where in-depth knowledge in biomedicine is a prerequisite, e.g. in the pharmaceutical industry, regulatory authorities or science journalism.

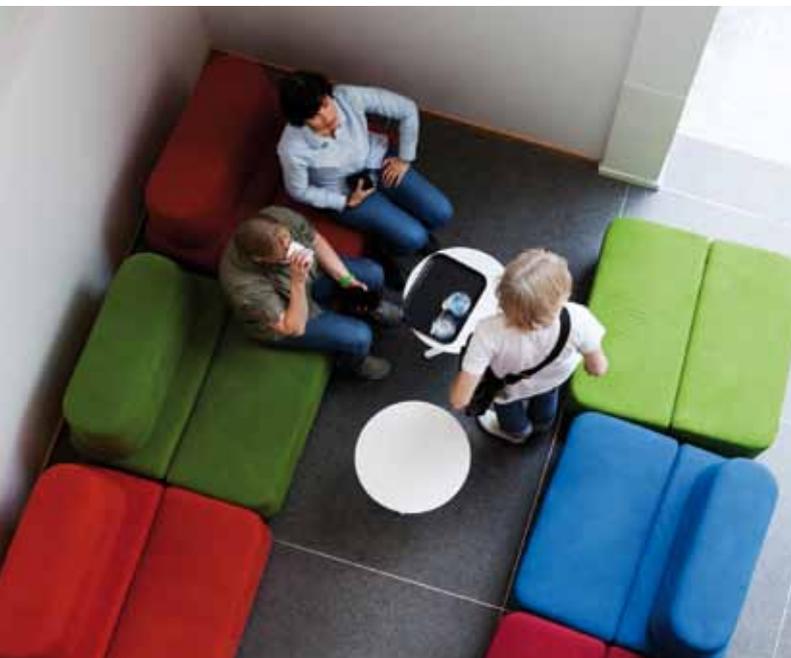
Amidst world leading research

Students are trained to address questions about mechanisms and therapeutic strategies, as well as developing an understanding of leading methodologies for studying common diseases, including infections, cancer, and metabolic and neurological disorders. The programme is developed by experienced scientists, and is based on work conducted in research laboratories at Karolinska Institutet, one of the world's foremost universities in the biomedical field.

The programme thus focuses on primary biological knowledge and its use to drive medical developments. The first section of the programme presents a general, advanced biomedical base. Following this, students may then opt to pursue one of Karolinska Institutet's programme areas for research, or a particular aspect of the pharmaceutical industry, by taking electives and conducting independent projects.

Why study Biomedicine at KI?

- The programme is a highway to a career in biomedical science.
- The education programme is integrated with KI's world-leading research.
- Like KI, the programme takes a translational approach, with close collaboration between clinic and advanced research.
- You'll have opportunities for broadening your knowledge and forging valuable contacts for a possible future PhD by several independent projects in different laboratories.



Specific entry requirement

- A Bachelor's degree or a professional degree equivalent to a Swedish Bachelor's degree of at least 180 credits in biomedicine, biotechnology, cellular and molecular biology or medicine.
- Proficiency in the English language (equivalent to English B at Swedish upper secondary school) should be documented by an internationally recognized test such as TOEFL or IELTS, or other documentation that certifies the equivalence.

For further information related to the programme, such as minimum test results required and general exemptions from submitting test results, scholarships, accommodation and application procedures please visit: ki.se/masterstudies

“Being one of those big names and home to the Nobel prize definitely put Karolinska Institutet (KI) among my first choices. KI is connected with the rest of the scientific community on both sides of the globe, so I knew it would open doors for me.”

Haythem Ismail, Master in Biomedicine

Year 1

- Advanced Preparatory Course in Biomedical Research
- Frontiers in Translational Medicine
- Biomedical Communication 1
- Laboratory Animal Science
- Biostatistics
- Bioinformatics
- Elective Course or project

Year 2

- Elective Concentration – Frontiers in Biomedicine
- Elective Project
- Biomedical Communication 2 and 3
- Degree Project

(Subject to change)



Join the tradition of future breakthroughs

As you enter the campus of Karolinska Institutet, you're putting your feet on historic ground. A place of scientific breakthroughs and Nobel Prize winners. Yet a dynamic institution setting itself up for the methodology needed for future success. Possibly with you as part of the team.

Originally created for training army field surgeons 200 years ago, Karolinska Institutet today serves as a first-class greenhouse for a new type of force. The brightest and most creative group of medical entrepreneurs, doctors and scientists around. A force to be reckoned with.

Since the beginning of the 1900's, Karolinska Institutet has been assigned to elect the recipients of the Nobel Prize in Physiology or Medicine. Even though this task is hugely important, electing new talent to train with us is equally thrilling. Honestly – it's the not-yet discovered solutions that make us tick. And we hope the same goes for you.

So, how does it sound to be present as the focus of medical research shifts from curing to preventing? From treatment to completely ending illness and disease. Our aim is to train students who are inquisitive. Because even though we currently celebrate our 200 year anniversary, the aim is at the centuries to come. Wellgrounded in a long tradition of scientific trail-blazing, Karolinska Institutet will always be about what you achieve tomorrow. Maybe this is why we rank among the best. The well-reputed Shanghai ranking has us as number 42 out of the top 500 universities in the world. And in the Times Higher Education, we're at 43rd place out of the top 200. The research landscape is being re-drawn. Wouldn't it be nice to hold the pen?



Photo: Markus Dagnell, Camilla Svensk, Erik Svensson and ©The Nobel Foundation. Subject to change.

Facts on Sweden

Population: 9.26 million

Average life expectancy: Women 83 years, men 79 years

Languages: Swedish, Sami (Lapp), Finnish, Meänkieli (Tornedalen Finnish), Yiddish, Romany

Religion: Evangelical Lutheran Church of Sweden (80 percent)

Currency: One krona equals 100 öre

Main exports: Machinery, electronic and telecom equipment, oil products, paper, iron and steel, pharmaceuticals, passenger cars

Published by the Swedish Institute

More facts can be found on www.sweden.se

Useful links

www.sweden.se

www.scholarshipportal.eu

www.swedenintouch.se

www.studyinstockholm.se

Questions: study-guidance@ki.se



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