

Global Master's Programme in

Bioentrepreneurship

2 years, 120 credits



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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**

Bioentrepreneurship is a relatively new field of study which combines social sciences, biomedicine, natural sciences and technology with innovation processes.

For whom?

This programme is aimed at students with a background in medicine, natural sciences or technology. The programme is interdisciplinary and the core courses all revolve around the central themes of how to manage and develop life science companies and projects. These core courses will be coupled with courses in general management and business.

A key concept within this programme is the application of knowledge in the real world. Therefore, the courses use real cases to learn from and many of the lecturers are experienced business leaders who share their knowledge and expertise with their students.

A solid foundation for a future career

The programme focuses on strategic and operative issues in the biomedical industry, and gives students in-depth knowledge of the processes and strategies needed to lead a successful project or company in this highly knowledge-intensive sector. As a key part of the programme, the students spend two internship periods at biomedical companies, public authorities, patent offices, university-based tech transfer units, venture capital firms, or other relevant organisations in Sweden or abroad. These experiences will give the student valuable knowledge and insights as well as networks that will provide a head start for the students' future careers.

The programme provides a solid foundation for a career in the biomedical, pharmaceutical, medtech or other related industries, in consultancy firms or within specialist fields such as business development or patents, in venture capital or in biomedical industry trade associations.

Why study
Bioentrepreneurship
at Karolinska Institutet?

- In the rapidly developing life science industry, there is an urgent need for people who combine business knowledge with the understanding of science and technology.
- Focus on real life issues, cases and internships gives you experience and networks that will enhance your future career.
- As a bioentrepreneur you will help bridge the gap between research and the public and private sectors.



Hao Wang

bioentrepreneurship student

‘Research and business belong together and we need both of them. I like being a researcher but I don’t want to be stuck in the laboratory all week. Studying here gives me new perspectives.’



Hok Ting Yau

bioentrepreneurship student

‘The most valuable thing I’ve learnt in the programme is not any of the management knowledge or the techniques we’ve learnt from projects or assignments. It is, I would say, the ability to build up a strong network within the industry.’

Read more at ki.se/studentblogs

Specific entry requirements

- A bachelor’s degree or a professional degree equivalent to a Swedish bachelor’s degree of at least 180 credits in medicine, biomedicine, biotechnology, biology, chemistry or technology.
- Proficiency in the English language (equivalent to English B at Swedish upper secondary school) should be documented by an internationally recognised test such as TOEFL, IELTS, or the equivalent.

Applicants from China

Applicants need a 4-year bachelor’s degree to meet the general requirement. Applicants must submit a bachelor degree certificate, a certificate of graduation, and transcripts (for each year of study). All documents should be in Chinese, and in officially certified translations.

Applicants from India

Applicants with a degree in medicine, pharmacy, science, engineering, computer science, computer applications, or technology, are exempted from submitting an English language proficiency test. Please note that college-issued mark sheets/transcripts will not be accepted unless they are from an autonomous Indian college.

For further information about requirements and application procedures visit ki.se/masterstudies.

Semester 1	Semester 2	Semester 3	Semester 4
<ul style="list-style-type: none"> • Industrial management. • Project management: Leadership and control. • Behavioral management and control. • Entrepreneurship in the life of science. 	<ul style="list-style-type: none"> • Development of products in the bio-medical industry. • Market analysis. • Business development. • Practical placement 1. 	<ul style="list-style-type: none"> • Management consulting. • Integration of science, technology and business. • Practical placement 2. 	<ul style="list-style-type: none"> • Degree project.

(Subject to change)



Join the tradition of future breakthroughs

As you enter the campus of Karolinska Institutet, you are putting your feet on historic ground. Karolinska Institutet is 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 now 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 1900s, 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 is 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 recently celebrated 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 research landscape is being re-drawn. Wouldn't it be nice to hold the pen?



Facts on Karolinska Institutet

Located in Stockholm, Sweden

Departments: 22

Employees: 3 944

Research units: 597

Senior researchers: 1 509

Professors: 331 professors

Postgraduate students: 2 076

Undergraduate and master students (full time): 5 524

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www.sweden.se

www.scholarshipportal.eu

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For further information visit ki.se/masterstudies

Contact the Admissions Office at admissions@ki.se if you have questions about entry requirements or application procedures.

For other queries related to studies at Karolinska Institutet, contact a study advisor at study-guidance@ki.se