



Princeton Exchange with Karolinska Institute Program in Biomedicine

Stockholm, Sweden

Overview

Princeton University and the Department of Biomedicine at Karolinska Institute in Stockholm, Sweden have an agreement to exchange students in the biological or physical sciences. The Departments of Chemistry, Chemical Engineering, and Molecular Biology at Princeton have mapped out the sequence of courses that concentrators would take to fit a semester in Stockholm into their undergraduate program.

Princeton students participate in the exchange through the Program in Biomedicine at Karolinska, which places particular emphasis on human biological processes at a cellular and molecular level. Biomedicine is one of the leading fields of science and is undergoing rapid development not only in Sweden but also internationally.

Princeton students who participate in the exchange engage in contemporary classroom and laboratory education and research that is pioneering the confluence of molecular sciences and medicine. The curriculum reflects the recognition, on the part of the clinical and academic faculty at Karolinska Institute, that medicine will increasingly rely on molecular understanding. This kind of training is not available at Princeton, nor at more than a handful of sites in the world.

The University

Karolinska Institute, which traces its origins to 1810, began as a “college for the education of skilled army surgeons.” Today, it is the only university in Sweden to concentrate on medicine. It is Sweden’s largest center for medical training and research. There are approximately 5,000 students at Karolinska Institute, of whom approximately 2,500 are postgraduates.

Researchers at Karolinska largely focus on medical and biomedical research in all disease areas. Particular strengths are in neuroscience, cancer biology, immunology, and metabolic diseases.

The Setting

Stockholm, the capital of Sweden, has a population of close to 1.8 million and is considered by many to be one of the world’s most beautiful cities. It is situated on 14 islands, close to an archipelago of 24,000 islands in the Baltic Sea. A modern, dynamic city, Stockholm has much to offer visiting students, from its historic medieval buildings in the Old Town to its many theaters, restaurants, cafes, parks, and museums. It has a reputation as a safe and clean city with efficient and inexpensive public transportation.

Sweden has land borders with Norway to the west and Finland to the northeast is connected to Denmark by a bridge-tunnel across the Öresund.

HIGHLIGHTS

WEBSITE: <http://ki.se/>

SEMESTER AVAILABLE: Fall and/or spring semester

ELIGIBILITY: Candidates should have at least a B average for the fall and spring semesters of the academic year preceding the semester abroad and approval from their department.

COURSES: Selected courses and laboratories in the Biomedicine Program (taught in English).

ACCOMMODATIONS: Student housing with Swedish students.

FINANCIAL AID: Students who are approved to study at the Karolinska Institute for Princeton credit may use financial aid to meet expenses.

APPLICATION DEADLINE: No later than April 25 for fall and October 25 for spring.

Academic Program

The Biomedicine Program, which lasts six terms, offers the following courses in English:

Term	Course	ECTS-credits	Offered
3	Infection and Immunity	15	Fall 2012
3	Integrative Physiology	15	Fall 2012
4	Pharmacology with Toxicology	10	Spring 2013
4	Tissue Biology	5	Spring 2013
4	Neuroscience	10	Spring 2013
4	Biostatistics	5	Spring 2013

For more information about the curriculum and courses, please visit:

<http://pingpong.ki.se/public/courseId/7085/coursePath/5549/ecp/lang-en/publicPage.do?item=3923765>

Princeton students are required to submit all assigned work and take final examinations. Princeton grants a full semester of credit (equal to four courses) for each semester at Karolinska.

In addition, exchange students in Biomedicine may carry out research-oriented projects in English. The following durations are available for biomedical projects: 5, 10, 12, 15, 20 weeks. Students have to make the initial arrangements themselves and present the project area as well as a supervisor at Karolinska Institute when applying.

Academic Calendar

The academic year is divided into two semesters. The fall semester runs from late August/early September to early January. The spring semester starts in mid-January and ends in early June. Most courses are offered in sequence, so students are engaged in one course at a time. Most courses listed below have classroom, seminar, discussion, and laboratory components.

Fall semester 2012: **3 September 2012** **20 January 2013**
Spring semester 2013: **21 January 2013** **9 June 2013**

Housing

Once admitted, students receive a housing application. Princeton students will apply to stay in regular student housing with Swedish students who are studying at one of the 20 universities in Stockholm. Information about housing can be found at <http://www.uac.se/applicants/students>.

Most exchange students stay in Strix and Pax or Jagargatan. Strix and Pax are located in a small township adjacent to Stockholm within easy access by bus, subway, or bicycle to Karolinska. Rooms are fully furnished and have private showers/toilets but a shared kitchen. Jagargatan is in the Sodermalm district of the city of Stockholm, which is a popular residential area. Student rooms are furnished with a desk, bed, bathroom, and wardrobe and are about 15-18 square meters. Students share a kitchen with about 15 other students.

Facilities

Princeton students participating in the exchange are treated as full members of Karolinska Institute and have the same access as do other degree-seeking students to the facilities of the host institution. Such facilities include the Karolinska Library, the largest medical library in the Nordic countries, computer rooms, the student union, and a sports and physical training center. These facilities are available at no extra cost.

In Sweden, student unions have traditionally played an important role in university life and are often influential forces at the universities. By paying a fee you will become a member and you can participate in the association's activities.

Application Procedures

The online application for exchange students in biomedicine is available at <http://ki.se/ki/jsp/polopoly.jsp?d=36699&l=en>.

After completing and submitting your application form online, your application must be printed out and signed by you and Dean Kanach. Please bring the following materials with you to the Office of International Programs, 36 University Place, Suite 350:

- Printed online application
- Learning Agreement of proposed study programme (included in application)
- Resume
- Official Transcript
- Photo (passport size)
- Letter of Recommendation
- Essay (500 words) describing your reasons for applying to the exchange program

Costs

Princeton students who participate in the Karolinska Exchange will be charged regular Princeton tuition.

The following are not included in your tuition charges: overseas transportation, housing, food, personal expenses, health insurance, passport and/or visa fees, textbooks, student union fees, and weekend excursions.

The cost of a dormitory room should be no more than \$600 per month (3500-4000 SEK/month including internet access and electricity). Total monthly costs, including housing, are estimated at \$1,200 per month.

Insurance: All students are required to carry health insurance. Student health insurance that is valid overseas may be purchased through Princeton University for \$925 per semester. Students who are covered by other insurance plans must confirm that they will be covered overseas while studying abroad.

Passport: Students are responsible for ensuring that their passports are valid for their entire stay in Germany. U.S. passport fees are \$110 (application fee) plus a \$25 execution fee. Fees are \$110 to renew your passport. For further information on renewing or obtaining a U.S. passport, please consult the U.S. State Department passport Web site at http://travel.state.gov/passport/passport_1738.html.

Visa: Students from outside EU/EEA who intend to stay in Sweden for a period longer than three months must apply for a residence permit for studies. The permit must be complete and entered into your passport before entry to Sweden. A person who is in Sweden for a period of less than three months does not need a residence permit. However, citizens of certain countries must have a visa. You apply for visas and permits at the Swedish embassy or a Swedish consulate in your home country or country of residence. A student visa can be applied for via http://www.migrationsverket.se/info/studera_en.html. A visa costs approx. 1000 SEK.

Financial Aid

Students who are approved to study abroad at the Karolinska may use Princeton financial aid to meet expenses. Students should complete a budget form, available from the Undergraduate Financial Aid Office. The Financial Aid Office will review the budget and adjust the financial aid award as appropriate. The budget should include tuition, room, board, travel, books and personal expenses.

The contents of this brochure are subject to change without notice. Last updated 3/1/12