Do you want to become a scientist? The Master Programme in Medical Research gives motivated students good conditions to proceed with postgraduate studies and the opportunity for informed choice of specialisation and thesis projects. The programme provides you with a theoretical base, practical experience of two research projects, a broad and deep insight of current biomedical research and a valuable network of contacts with researchers.

ABOUT THE PROGRAMME

You will follow one of the Master’s programmes offered at the Medical Faculty of Uppsala University. If you have who have obtained at least 60 credits, including 30 credits at advanced level, in medical or life science areas at another faculty at Uppsala University or another university you may apply for credit transfer for the first year studies. This applies also if you have completed a programme involving at least 11 semesters (e.g. a medicine programme).

The main part of the second year consists of individual research practices in the form of laboratory projects carried out in research groups at Uppsala University, or sometimes at Swedish University of Agricultural Sciences, Stockholm University, Karolinska Institute, biomedical companies or a government agency. Hereby you will immerse yourself in research and, under supervision, plan and carry out experimental work, and critically evaluate and summarise the results. You will also participate in other activities of the research group such as literature seminars, research presentations and group meetings. You will make the choices of research groups and projects for these internships.

In addition, theoretical research-related instruction is given in selected areas, including new methods and techniques used in biomedical research, current research themes, cell signalling, experimental animal models, alternatives to animal experiments, ethical approaches and considerations in research, biostatistics and written and oral research presentations including practical exercises e.g. with help of video recordings.

DEGREE

The programme leads to a Master of Medical Science (120 credits) with Medical Science as the main field of study.

INSTRUCTION
The practical laboratory part consists of one individual project of 15 weeks during semester 3 and a thesis of approximately 19 weeks during semester 4.

The projects will be presented at joint seminars where students discuss each other’s results, the selection of research methods and their experiences of the different internships. During semester 3 different forms of research presentations are practiced: in addition to oral presentations you will make a poster presentation, write short summaries and write a scientific review article. The graduation project will be presented as a written thesis and orally at a mini-symposium.

The scheduled theoretical teaching during terms three and four is given by leading representatives of each subject from the Uppsala-Stockholm region in the form of lectures and seminars. This provides information on technologies and advances in specially selected areas of current research and the opportunity for contact with the lecturing researchers. The programme is given in Uppsala.

All teaching is given in English.

<table>
<thead>
<tr>
<th>CONTENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>COURSES WITHIN THE PROGRAMME</td>
</tr>
</tbody>
</table>

**Year 1**
Courses of 60 credits at advanced level from any of the Master’s programmes at Faculty of Medicine, Uppsala University, or from courses in the medical or life science areas at other faculties or universities.

**Year 2**
Advanced Research Practice, 30 credits
Master’s project, 30 credits

<table>
<thead>
<tr>
<th>CAREER</th>
</tr>
</thead>
</table>

Most of the students will probably continue with PhD studies or research in the pharmaceutical industry, but the programme provides excellent opportunities to work in other sectors. The strong focus on critical thinking, verbal and written communication, and collaboratory work in groups provide knowledge and skills that are valuable to many businesses.
MASTER PROGRAMME IN MEDICAL RESEARCH

120 credits
Autumn 2017 100% Campus
Location: Uppsala
Application Deadline: 2016-01-15
Enrolment Code: UU-M3901
Language of Instruction: English

Requirements:
Academic requirements
A Bachelor’s degree, equivalent to a Swedish Kandidatexamen, from an internationally recognised university. The main field of study must be within the life sciences.

Language requirements
All applicants need to verify English language proficiency. This is normally attested by an internationally recognised test such as TOEFL or IELTS with the following minimum scores:

- IELTS: an overall mark of 6.5 and no section below 5.5
- TOEFL: Paper-based: Score of 4.5 (scale 1–6) in written test and a total score of 575. Internet-based: Score of 20 (scale 0–30) in written test and a total score of 90
- Cambridge: CAE, CPE

Exemptions for students from certain countries.

Selection: Students are selected based on:

- a total appraisal of quantity and quality of previous university studies; and
- a statement of purpose (1 page).

Fees: If you are not a citizen of a European Union (EU) or European Economic Area (EEA) country, or Switzerland, you are required to pay application and tuition fees. Read more about fees.

Application Fee: SEK 900
Tuition fee, first semester: SEK 72500
Tuition fee, total: SEK 290000

APPLICATION AND REQUIREMENTS

The second round of application is open and closes on April 15. This round is primarily for students not requiring visa, since admissions will not be decided until beginning of July. Applications must be through the Swedish application system, www.antagning.se. For more information, please contact the programme before applying.

CONTACT & MORE INFO

Department of Medical Biochemistry and Microbiology

For programme-specific information, please contact: Susanne Lundgren susanne.lundgren@imbim.uu.se
Telephone: +46 18 471 45 03
Staffan Johansson staffan.johansson@imbim.uu.se
Telephone: +46 18 471 42 77