



## Project Course in Medical Biochemistry and Microbiology

### Instructions for supervisors

At IMBIM students can perform program-connected project works within their curriculum or so-called independent project courses. These individually designed project courses have the aim to give students hands-on experience of research in any of the focus areas of the department.

To facilitate for students looking for interesting projects, it is advisable that you indicate on your own homepage what kind of projects you may be willing to offer. The students are always asked to find themselves an area of their interest.

### Which students are looking for projects?

- A) Students without program connection who want to perform research training ·> can apply for independent project courses at IMBIM
- B) International exchange students selected by the International Exchange office ·> can apply for independent project courses at IMBIM
- C) Students from any program with project work as part of their curriculum:
  - Pharmacist students (AP; 20 weeks/30 credits – exam term 9)
  - Dispensing pharmacists (RP; 10 weeks/15 credits – often literature study term 5)
  - Biomedical students (BM; 10 weeks/15 credits – exam term 6)
  - Laboratory Biosciences students (BMA;
  - Medical students (20 weeks/30 credits – independent project during term 10)
  - Master projects (20 or 30 weeks/30 or 45 credits; preferably from our own master programs in *Infection Biology* or *Medical Research*, terms 3 and 4)
  - SOFOSKO-summer research school (2-3 summers with short, 4+6+6 weeks, stages at the lab – observe that from 2021 it will be possible to flexibly distribute all or part of these weeks, just the total period shall be 16-18 weeks (2 obligatory research introductory weeks are given in class to the whole group of selected students the first summer)

### Independent courses offered at IMBIM:

A) A first cycle course of two different lengths:

Research Training in Medical Biochemistry and Microbiology, course code 3BL350 (5 weeks/7.5 credits), and 3BL351 (10 weeks/15 credits), aims at providing basic experience of research. The student has to have completed a minimal of 60 credits of basic training in a relevant field before eligible. Both course lengths can be taken during spring, summer and autumn terms.

B) An advanced level course of two different lengths:

Project Work in Medical Biochemistry and Microbiology, 3BL352 (10 weeks/15 credits), and 3BL353 (20 weeks/30 credits), will in addition give knowledge and skills on how to plan, interpret and evaluate scientific experiments. The student has to have completed a minimal of 120 credits of basic training in relevant field before eligible. The shorter course (15 credits) can be taken during spring, summer and autumn terms, the longer course (30 credits) only during spring and autumn terms.

For further information, you find the course syllabus available through IMBIM's home page under Education (<https://www.imbim.uu.se/Education/Courses/>).



### **Application process for independent courses**

A) Whenever a student gets in contact with you for a project and you are willing to offer supervision, then you **must supply the student and the course administration** with a validated project plan (must be accepted by the director of undergraduate studies). The project plan (max 2 pages) shall contain *project title, name of supervisor with e-mail address, goal and learning outcome of project*, and a *short project description* (background, outline of project and estimated time frame). The student is forced to apply for one of the courses within the deadline (see below) and submit the project plan along with other study documents.

B) A student has applied first and gets to know afterwards that a name of supervisor and a project description needs to be supplied:

In this case the information has to go via our IMBIM-administration (course administration for independent courses) and we have to submit the necessary information in the application system.

**Observe:** If no project plan is supplied either by the student or us at the time of selection of qualified candidates, the student will be disqualified for course entry and cannot be registered, thus is not allowed to perform the project at the lab!

### **Application procedure and deadlines:**

Interested students shall apply for independent courses latest at the regular application deadlines:

Spring term: October 15

Summer term: March 15

Autumn term: April 15

(or Monday closest to corresponding 15<sup>th</sup> if latter falls on a weekend)

Applications are done on the national webpage for University educations:

[www.antagning.se](http://www.antagning.se) (Swedish) or [www.Universityadmissions.se](http://www.Universityadmissions.se) (English)

Thereafter late announcement can only be done AFTER the application port has been reopened for late applications (which is after July 15 for the autumn term, Dec 15 for spring term).

### **Application procedure for students in an international exchange program with UU:**

These students are either contacting you directly or with help of the *International Office of Exchange*. For them, the application and admission procedure is already performed, but they still need to find a project supervisor and a validated project plan in order to become registered.

### **How to start:**

The starting dates are flexible within the term. According to the syllable, admission requires that the supervisor and the project plan have been approved. Thus, student and supervisor must together fill in the form **Project Course Agreement** available at IMBIM's home page (<https://www.imbim.uu.se/intern-info/imbim-dokument/projekthandledare-och-studenter/>)

and must submit the final project plan. This must contain all relevant information including an individual study plan, which describes the research project and what the student is



supposed to achieve. Signatures by the supervisor, examiner, director of undergraduate studies and student ensure that there is an agreement and understanding of the objectives and content of the project course. **The student can only be registered for the course at Uppsala University upon delivery of these signed documents!**

### **Supervisor's responsibility:**

As a supervisor you are responsible for providing the student with adequate background literature and obliged to give sufficient instructions and guidance to perform the assigned task. As a supervisor, you are also encouraged to advice and support the student in his/her writing the report concerning disposition, content and language, give critical feedback! Please note, that there can be found a detailed instruction for the student on how these courses are examined ("*Examination of project courses 2020*") on IMBIM pages (<https://www.imbim.uu.se/intern-info/imbim-dokument/projekthandledare-och-studenter/>).

After completion of the course and your approval of the written report you are asked to fill in and sign page 4 of the document **Project Course Agreement**. The written report must be submitted to the assigned examiner for a final assessment and then delivered to the course administrator for the archive (non-public). After completion of all assessments, and only then, the student's credits will be registered in Ladok.

You are not obliged to pay the student for the project time. These courses are training courses and the students receive course points for their achievement. During summer projects stipends can be provided according to the department's (and your grant resource's) recommendation.

### **What's in for you?**

Hopefully the joining of a nice person to your group, who brings in fresh winds into your lab team. A possibility for a lab fellow of yours to practice instructing a colleague (important skills!). Some exciting results that can lead to further work in your projects. A compensation according to IMBIMs decision of remuneration of project supervision.

### **Student's responsibility (supervisor shall go through this point together with the student):**

While performing a project at the department, the student should also take part in departmental/research group activities, such as seminars, to the same extent as any other member of the research group.

In the end of the course time, the project shall be summarized in a final written report and presented as a short seminar within the group (see detailed instructions in the document "*Examination of project courses*" deposited at (<https://www.imbim.uu.se/intern-info/imbim-dokument/projekthandledare-och-studenter/>)).

Please note that all written reports must be submitted through "Urkund" to ensure that no plagiarism has occurred.