



## **Welcome to our Department and teaching at IMBIM!**

In this text you get a short overview on teaching possibilities at our Department. You will find more details at IMBIM's and Uppsala University's website.

### **Why are we teaching?**

An important task of Uppsala University and the Medical Faculty is education. Teaching is therefore a strong leg of IMBIM's activities, but not the least also an important aspect of your own competence and career development! Without demonstrated teaching skills you cannot reach further in your academic career and also outside the University world pedagogical skills are increasingly asked for.

All employees and PhD students are therefore assigned to perform teaching, while postdocs are strongly encouraged to participate in teaching as part of their own training. All teaching is compensated for economically.

### **What forms of teaching can you participate in?**

Depending on your earlier experience with teaching (and your language proficiency) there is a stepwise entrance into teaching at our Department (more about pedagogic training possibilities further down).

#### *Lab course assistant teacher ("amanuens") (wet course labs; data labs):*

Assisting in student course labs for shorter or longer labs of diverse character. Teaching is performed usually in a team of 2-3 members of whom one is more experienced. You prepare for the lab and assist the students during ongoing sessions, for some labs you will also have to correct/give feedback on lab reports.

For more details on different assignments ask Alexis (Alexis.Fuentes@imbim.uu.se).

Once assigned a specific lab you can find most of the lab instructions on our internal web: [Teachers/Teaching lab assistants](#) -> '[Here](#)' to reach the sign-in for the instruction documents for different lab courses (you find also other useful documents concerning teaching on this spot).

All PhD students are obliged to participate in these tasks; even for postdocs a useful option to gain first teaching experience. Most of the classes can be given in English (with a few exceptions where we preferably engage Swedish speakers).

#### *Facilitator in problem-based learning (PBL) tasks:*

PBL is used throughout the medical curriculum and is increasingly used also in other programs. For each group of 6 - 9 students a trained supervisor/facilitator shall assist the group to identify suitable learning goals and help in the group's discussion.

You need to perform a 3-days specific training course (for links, see 'courses to attend' below) at the Medical Faculty in order to be allowed to act as a PBL facilitator. The course is given in Swedish only and most courses prefer Swedish-speaking supervisors/facilitators (you need to be able to follow the students' discussions in Swedish, even though you are allowed to discuss with them in English). For each problem/case there are detailed instructions on learning syllable and tips on the content on UU web "[Frida](#)".



Seminar tutor:

Seminars are used in many different courses in all programs and the size of groups and tasks varies. Often material for preparation/support of the tutor is found with the course leader. Depending in which type of course (basic or advanced level) the education language is Swedish or English.

Lecturing:

Classic cathedral lecturing is still done in all curricula even though the number of lectures is reduced in favor of minor group activities where students can more easily be activated (labs, cases, PBL, seminars). Lecture topic and content is usually defined in the curriculum in collaboration/discussion with the course head teacher and other teachers to cover the set course syllable.

Course responsibility:

As a head teacher on a course you are responsible to coordinate teachers and have contacts with students; to coordinate contents with course syllable (and economic premises set by the program committee), evaluate and develop; to arrange the course scheme including booking localities (for which you can of course get help by our excellent administrators) and to make sure that exams can be taken (separate detailed instructions are available).

Supervision of exam- and project students:

We have a large number of interested students to perform their electable lab or exam projects. As a supervisor of a student you are in charge of writing a project plan together with the student and supervise him/her during planning of lab work and give feedback on result analysis. All student projects are examined in form of an oral presentation (seminar) and written report (length depending on project level). For both activities you have to support the student, and agree when the student is ready to be formally examined on these two items by an examiner (assigned by the Department or program).

Program students at different programs perform exam projects for different lengths of time (10 – 30 weeks corresponding to 15 – 45 credits (högskolepoäng (hp) in Swedish)), whereas so-called freestanding projects can be chosen for 7.5 – 30 hp. To attract program students you best advertise directly to the program/course head/administrator with a project outline (of approximately one A4 page indicating your name, department, project title, goal of the project, outline of what student shall perform/learn). Freestanding students need to apply on a nationwide central administrative system by **given deadlines** (Monday nearest to mid of March for summer term; mid of April for autumn term and mid of October for spring term). Also, in these cases it is highly recommended to publish a project sketch as outlined above in advance. Has an interested student missed to apply in time, only late admission can be applied if project admission is still open (and the spot not taken already by another student).

**Teaching tasks assigned to IMBIM**

IMBIM teachers participate to different extents in many programs run at the Medical Faculty mainly at the following programs and courses covering broad topics (biochemistry, metabolism, cell & tumor biology, immunology, microbiology (virology, bacteriology)). IMBIM runs also two master programs, the Infection Biology Master's program and the program of Medical Scientific Research. Both programs include diverse courses at the second cycle where teaching is performed more at the frontline of scientific research with experts in the field and in English.



IMBIM has participation in following programs:

Undergraduate level – cycle I

Medical program (5.5 y; preclinical part): ~120 students, terms 1 – 4, twice a year

Biomedical program (3 y): ~50 - 60 students, terms 1 – 5, once a year

Biomedical laboratory sciences program (3 y): ~50 students, term 1, once a year

Pharmaceutical program (4.5 y): ~90 students, term 2, twice a year

Dispensary pharmaceutical program (3 y): ~70 students, term 3, twice a year

Undergraduate level – cycle II

Medical program (clinical part): ~100 students; integrations; exam projects

Pharmaceutical program (term 8/9): ~70 students; exam projects (1-2/term)

Master program 'Infection biology' (2 y): ~30 students

Master program 'Medical scientific research' (2 y): ~15 students

Graduate level

Obligatory PhD courses:

- Introduction to scientific research (5 w; 40 students)
- Scientific presentation (1 w; ~60 students)

Other courses at different levels

Electable courses

- Research training
- Project work
- Several of the regular program courses can also be chosen as electable courses

**Courses to attend for you as a (future) teacher:**

Obligatory course in PBL supervision

Introduces you to the PBL model applied by our Medical faculty (3 days) – [Dates and announcements](#) (you find the different course dates, application deadlines and application forms, unfortunately everything is just in Swedish or a mix of Swenglish).

Academic teaching courses

On UU-web you find a selection of courses (among others the "Academic teacher's training course"/pedagogisk grundkurs), workshops and seminars to [develop your pedagogic skills](#).

Once you apply and get into a teaching course, please, let me know that you are participating in order that we can plan some activities for you!

**Pedagogic activities at IMBIM**

Workshops for assistant teachers in course lab

Occasional workshops for assistant teachers at the lab are organized during the term to prepare for assistant teachers' activities (upcoming March 25, 2020 – recommended to all acting and presumptive lab assistants).

**In charge of teaching issues at IMBIM**

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