Research internship Bachelor Biomedizin (BME 300)

The students work on a defined research project under the supervision of an advanced researcher. After the project is finished the students write their project report. Students learn the scientific practice, the use of lab methods and how to evaluate, interpret and describe scientific results (report).
It is an opportunity to gather insight into current aspects of a biomedical research. After a successful practical work and an accepted scientific report, the research internship will be credited in the core elective area 2 (Wahlpflichtbereich 2) of the advanced Bachelor study program.

Where?
Research internship are primarily supervised by research group leaders associated with the Faculty of Science (MNF), who are also supervising Master thesis in Biomedicine (see list https://www.biomedizin.uzh.ch/de/Forschungspraktika.html info box) or lecture in the Biomedicine or Biology study programs. Research topics of the MNF institutes are described here: http://www.mnf.uzh.ch/de/fakultaet/institute.html. Other research groups or research groups abroad must be approved by the Studienkoordination Biomedizin.

When?
The research internship can be started after 3 semesters of successful studying and normally takes place during semester break. On request (ask Studienkoordination) it is also possible during the semester. Students should arrange the time frame of the internship directly with the research group leader.

How long?
The duration of the research internship is 6 – 12 (fulltime) weeks, without a break. On request a part time pensum (80%) is possible.

Scientific report
The report should be written in the format of a scientific paper: abstract, introduction, methods, results, discussion and bibliography. Reflection: In addition, the own scientific work and the (independent) laboratory activity should be reflected, possibly with an impact on the results. The language of the report is English and the amount between 10 and 15 pages (including bibliography and appendix). The report must be submitted to the Studienkoordination (email) within three months after completion of the internship.

Grading
Prof. Lubor Borsig (Head BSc Bachelor Biomedizin) will evaluate the report and give a mark. In addition, the supervisor(s) will be asked to give a short informal feedback (2-3 sentences or a mark) for the research internship in practice (lab skills, behavior, level of

independence, scientific understanding, etc.). The final mark is based on both evaluations.

Credit points
For the final mark 4 or above, the internship is credited in the advanced studies of the BSc (Wahlpflichtbereich 2) with 6 to 12 credit points. The amount of points depends on duration: one credit point each fulltime week.

Procedure
A. For research groups listed here: "Groups for Master thesis and research internship" (see link above)
    a. Ask supervisor directly (approx. 6 months in advance).
    b. Fill in and sign the confirmation form and hand it in to Studienkoordination 1-2 weeks before the start.
    c. Wait for ok by the Studienkoordination.
    d. Hand in (email) the scientific report to Studienkoordination latest 3 months after the end.
    e. After 3 months (latest) you will be informed about the mark and the points will be credited in your academic record.

B. All other research groups have to be approved first by the Studienkoordination. Please contact us before you ask any other research group.

Notice
Any changes to the defined procedure on the confirmation form must be approved by the Studienkoordination.
Research internships are carried out individually. If several students are working in the same laboratory during the same period, approval from the Studienkoordination is required.

Documents
List: Topics Master thesis and research internships
Confirmation form
Cover sheet
https://www.biomedizin.uzh.ch/de/Forschungspraktika.html

Contact
Studienkoordination Biomedizin
Dr. Sabine Jacob
biomedizin@physiol.uzh.ch