

## Call for proposals

In the context of the *Honours Programme in Life Sciences: Breaking Frontiers* the working group launches a call for project proposals in the 'Basic-track or the Applied-track'. This refers to the continuum of "Translational Research" starting from "Basic discovery", then developing Pre-clinical research and in-vivo analysis translating this to a "Proof of concept in man" and then shifting to "Clinical research" including the use of "Evidence Based Medicine" related strategies in order to prepare the adoption in practice through "Practice Guidelines" and then translating this into patterns of care delivery, looking at Community-Based Assessment and Health-Services Research, with at the end of the spectrum integrating new findings in a "Global Health"-perspective, improving Community Health Status through Global Health Service and Research.

Members of the **ZAP and postdocs** can submit projects that comply with the requirements described in this document.

Students can start with this program in the 2<sup>nd</sup> bachelor year and their project should be finalized the latest before the Christmas holidays of the 1<sup>st</sup> master year. The final outcome of the project should be in the form of a scientific paper (ideally a publishable manuscript) that will be publicly defended in an annual *Honours programme*-meeting in the beginning of the second semester with a rotation: one year in the Faculty of Medicine and Health Sciences, one year in the Faculty of Veterinary Medicine and one year in the Faculty of Pharmaceutical Sciences (turnus).

A promotor can submit several projects but can supervise no more than 2 students at a single point in time.

The course (project) language will be English only.

The generic framework of the program is as follows:

Nr.	Topic	Study load	ECTS
1	Introduction: general and specific	120	4
2	Practical work 1: lab, field, ...	120	4
3	Practical work 2: lab, field, ...	120	4
	<i>Option: Practical work 1 + 2 (=8 ECTS)</i>		
4	Scientific paper-report	90	3
		<b>450</b>	<b>15</b>

## Format of the proposal

1. Name of the promoter:  
Name of co-promoter (if applicable):  
Department of promoter/co-promoter
2. Title of the project:
3. Short description of the project (background, rationale, key methods) and the role of the student in this project, with special emphasis on the learning objectives and skills and experiences that will be acquired during this process.
4. Requirements for the students: in order to achieve the goals put forward in the program, the student will have to work in a laboratory or in the field during his/her spare time, especially in a predefined period (6 to 8 weeks) during the summer break (July-September). If foreseeable, please estimate the duration and the intensity of the extra effort that will be requested.
5. Maximum number of students working on this topic:
  - 1
  - 2
6. Preferred type of student:
  - Veterinary Medicine
  - Medicine and Health Sciences
  - Pharmaceutical Sciences
  - Combination of two disciplines (specify)

## Implementation

- Outgoing student mobility (if applicable): financial reimbursement

Travel costs for student mobility are at the expense of the promotor and/or student and cannot be reimbursed by the Honours Programme due to budget constraints.

- Contract

The program includes a 1-1 relation supervisor <-> student. The ZAP mentor/postdoc foresees enough time to supervise and coach the student himself/herself (= development of excellence). Maximal 2 Honours Programme students can be allocated to one mentor per selection round.

The engagement is mutual.

Student commitment:

- To follow the programme
- To do an internship of 6 to 8 weeks (laboratory / clinical work)
- To write a brief report in the form of a paper (certainly not necessarily to be published)
- To design a scientific poster on the topic

The committee monitors the overall burden on the student.