

To the Head of Examination Board  
Robotics and Autonomous Systems (RAS)

## Registration for

- Internship 1** (RO5000-KP12, ProPraRAS1)
- Internship 2** (RO5001-KP12, ProPraRAS2)
- Combined Internship** (RO5000-KP12 + RO5001-KP12)

The registration also includes the module **Student Conference** (PS5000-KP06, PS5000).

Student's name	
Semester	Matriculation number
Date of birth	
Address	
Phone	Email
Internal Supervisor (Universität zu Lübeck)	
Supervisor's institute	
company or external organization	
Starting date	Deadline for submission of the project report (usually 1 month after the end of the internship)
Topic of the internship, field of work or provisional working title	

The following document(s) have to be attached:

- Internship description (one page)

In case the research internship is done outside the University (Universität zu Lübeck) the following document have to be handed in additionally:

- statement of the company or external organization, that the results may be published in a paper and presented at the Student Conference in Lübeck in form of a paper, poster and a talk. The participation of the conference is obligatory for the student.

The statement has to be signed and stamped and written on company's letter paper. It should contain contact dates and academic degree of the supervisor at the company or external organization

1. \_\_\_\_\_  
Date Signature internal supervisor at the Universität zu Lübeck

2. \_\_\_\_\_  
Date Signature Student

The internship is approved of:

3. \_\_\_\_\_  
Date Signature chairperson of the examination committee RAS

## **Explanations to the modules: *Internship* (RO5000-KP12, RO5001-KP12) as well as *Student Conference* (PS5000-KP6)**

All of the above-mentioned modules must be formally taken by students in the third semester of the RAS Master's programme. For each module a certificate of achievement of category B (ungraded) has to be acquired. The project internships (RO5000-KP12, RO5001-KP12) can be completed at the institutes of the Universität zu Lübeck, but also at other universities, research institutions or companies in the field of Robotics and Autonomous Systems in Germany and abroad.

Since the students should be given as much freedom as possible in the design of the project internships, it is also allowed to combine the two modules RO5000-KP12 and RO5001-KP12, so that they can also be used as preparation for a more in-depth scientific master thesis in the fourth semester if necessary. However, the combination is also helpful in the search for suitable places abroad, as a too short period of stay is often seen as problematic by the partners. Therefore, it is necessary to offer the module Student Conference (PS5000-KP6) as a block event at the end of the third semester. It is planned to hold it in March at the Universität zu Lübeck.

### **Awarding criteria**

***Internship*** – each 12 ECTS (RO5000-KP12, RO5001-KP12):

Besides the regular participation in the project work, the submission of the written elaboration (project report) in the structure of a scientific paper (for each module) is expected. The size of the project report should be 20 pages (40 pages if the modules are combined). The workload of both internship modules should correspond to a total duration of 24 weeks. The workload of one module should be at least 3 months, which in combination results in 6 months.

***Student Conference*** – 6 ECTS (PS5000-KP6):

The module student conference consists of the compulsory participation in the student conference, where each student gives a talk in English about the completed project internship. All students of the respective semester are expected to actively participate in the scientific discussion. In order to obtain the certificate of achievement, the students are also required to design and present a scientific poster (also in English) and to write a four-page short publication in the prescribed format of the German Society for Biomedical Engineering (DGBMT) in English, which will be self-published. All submissions will be subject to peer review. The participating students will be actively involved in this peer review process. The student will be supervised by the issuing lecturer of the respective project internship, whose results will be presented.

### **Student Conference and sham awarding**

In principle, the student conference is organized by the chairman of the examination board MIW. However, the support of the supervising lecturers of the project internships is necessary, as the student conference should be based on the contents of the project internships. Therefore, the registration form for the project internships also includes the registrations for the module PS5000-KP6. The certificate of achievement for the student conference will be issued by the Institute for Medical Technology. The two certificates of achievement for the project internships will be issued by the issuing lecturer of the project internships after successful participation in the modules.