

COORDINATORS

60 WORKING DAYS / 10 ECTS

For all Bruface Master Programmes:

Internship coordinator: Cédric Boey - 02/650.3120 - U.B.4.227 - cboey@ulb.ac.be

Academic in charge: Frédéric Robert – Frederic.Robert@ulb.ac.be

40 WORKING DAYS / 6 ECTS

Academic coordinator per Bruface Master Programme:

- MSc in Architectural Engineering : Ann Verdonck - Ann.Verdonck@vub.ac.be
- MSc in Biomedical Engineering: Johan Stiens - Johan.Stiens@vub.ac.be
- MSc in Chemical and Materials Engineering: Herman Terryn/ Harry Verelst - Herman.Terryn@vub.ac.be - hverelst@vub.ac.be
- MSc in Civil Engineering: Lincy Pyl / Willy Bauwens - Lincy.Pyl@vub.ac.be - wbauwens@vub.ac.be
- MSc in Electromechanical Engineering : Patrick Guillaume - Patrick.Guillaume@vub.ac.be
- MSc in Electronics and Information Technology Engineering: Leo Van Biesen - lvbiesen@vub.ac.be
- European Master of Science in Photonics : Heidi Ottevaere - Heidi.Ottevaere@vub.ac.be

Academic in charge of general coordination: Lincy Pyl / Lincy.Pyl@vub.ac.be

ENROLMENT REQUIREMENTS

For all internships, the student has to succeed for at least 40 ECTS of Ma1 in the first session. The limit in the second session is set at 20 ECTS (with a maximum of 4 exams to be redone). If the internship is in conflict with an exam, priority must be given to the exam and in no case requests for exception are considered.

Erasmus IN students:

- are not allowed to do a 60 Working Days/10 ECTS internship
- are allowed to do a 40 Working Days/6 ECTS internship if they comply with the requirements in the Bruface Internship Guidelines. Alternatively, the internship period may be between the end of the first session exams in June and the end of the second session exams in September (after the 2nd Master). If the internship is in conflict with an exam, priority must be given to the exam and in no case requests for exception are considered. The

internship agreement must then be signed in triplicate the latest as indicated in the guidelines for regular students. In any case, the internship must not extend beyond the end of the considered academic year.

In any case, the internship project is always pending on approval of the internship coordinator(s).

LEGALITIES

The internship agreement should be signed by the institutional representatives where the student is enrolled, whatever the duration of the internship (60 or 40 working days)

To counterbalance judicial disputes, the student indicates her/his enrolment number and the university where she/he is enrolled when signing the internship agreement.

PROCEDURE FOR THE VUB INTERNSHIP AGREEMENT

A VUB or a Non-EU student enrolled at the VUB must use the VUB agreement whatever the duration of the internship (60 or 40 working days). Follow the procedure on <http://www.bruface.eu/EN/Home/Internship/>

Step 1: Application Form

Step 2: Internship Agreement Form

The trainee organizes a meeting with the supervisor of the training entity to describe the internship placement duties.

The deadline set by the Facultaire Commissie Internationale Relaties (FACIR) and the International Relations and Mobility Office (IRMO) for VUB or Non-EU students being registered at VUB applying for an ERASMUS+ traineeship for an internship abroad is March 1st. The learning agreement for a traineeship should be based on the technical content as approved by the placement organization, the academic coordinator and the VUB academic in charge of the general coordination of the internships. Step 1: Application Form in the procedure serves as input for the learning agreement and thus should be finished the latest two weeks before the deadline of March 1st.

PROCEDURE FOR THE ULB INTERNSHIP AGREEMENT

A ULB or a EU student enrolled at ULB must use the ULB agreement whatever the duration of his internship (60 or 40 working days).

The student has to obtain three copies of the ULB agreement with original signatures of his/her company supervisor and his/her academic supervisor. The internship coordinators will manage Dean signature procedure afterwards.

The student has to bring the three copies to the VUB academic coordinator (see list above) for the 40-days internship and to Cédric Boey for the 60-days internship.

The ULB agreement is available on <http://www.bruface.eu/EN/Home/Internship/> or <http://bapp.ulb.ac.be/index/BAPPStagesDoc.html>

COMMON POINTS

INTERNSHIP PERIOD

Between the end of the first session and the beginning of week 7.

Depending on the formula, the internship must last at least 40 or 60 working days (hence at least 8 or 12 weeks for 5 days/week internships).

TRAINING PLACE RESTRICTIONS

Internships are not allowed:

- In Belgian university labs.
- For international students, an internship in their home university.
- For Erasmus IN students, an internship in their home country.
- In a country classified at risk. The VUB Faculty of Engineering will give negative advice for students applying for an internship in countries in war.
- When (one of) your training entity supervisor(s) is a close relative.

In any case, the internship project is always pending on approval of the internship coordinator(s).

LINK BETWEEN THE THESIS AND THE INTERNSHIP

The thesis and the internship may be done in collaboration with the same company or institution. However, the thesis and the internship must have clearly defined and distinct deliverables, and they will be evaluated separately.

DIFFERENCES BETWEEN THE TWO TYPES OF INTERNSHIP

LEARNING OUTCOMES

60 WORKING DAYS / 10 ECTS

The student :

- has demonstrated sufficient technical and scientific expertise, as required by the task(s),
- has offered elementary professional competences: reliability, autonomy, initiative, etc.,
- has proven successful integration in a workteam and with the professional culture of the company,
- has efficiently used the suited project management and organization tools
- has analyzed his own learning experience (on technical as well as on soft skills) and demonstrated sufficient criticism about his own internship stay,
- so that he is able to transfer what he has learned to new situations,
- has understood the expectations and has released the expected deliverables (device, software, analysis, measurement, report, etc) from the company's point of view,

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As opposed to the 60-days traineeship focusing additionally on criticism and competence transfer, the 40-days traineeship focuses on the industrial and/or research engineering activities of the student. The student is mastering the knowledge and possesses or acquires the technical skills needed to successfully accomplish a variety of tasks. The training entity supervisor assigns a wide range of tasks to the trainee to broaden the student's experience and horizon. In a hands-on way, the student thus familiarizes with the company's task chain. The student is a versatile trainee able to analyse problems and implement solutions. The student's communicative ability is well-developed and he/she can work in a team. The student is a responsible person showing the necessary reliability, autonomy and initiative. The student can use all the above mentioned skills to perform an internship and act as is expected from a young engineer.

FOLLOW UP

60 WORKING DAYS / 10 ECTS

The student communicates (by mail) with his/her academic supervisor on a weekly basis.

At mid-term, a meeting with the training entity supervisor and the academic supervisor is organized by the student. The aim of this meeting is to give formal feedback to the student and help him prepare the final jury.

40 WORKING DAYS / 6 ECTS

An intermediate or concluding meeting (a visit in person or via phone or skype) of the academic promoter to the training entity may be organized by the trainee.

EVALUATION

60 WORKING DAYS / 10 ECTS

The evaluation mark is determined based on the following criteria:

- The professional competences, as assessed by the training entity supervisor;
- The portfolio, which contains the learning tracks and the reflections of the student. The portfolio is assessed by the academic coordinator;
- A 3-page summary and an interview, assessed by a jury of 2 academics. The jury aims to evaluate the student's ability to explain synthetically his/her internship and his/her main learning outcomes.

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The evaluation mark is based upon on the evaluation form and the feedback provided by the supervisor of the training entity and on the evaluation of a report. The weight of the different assignment categories in the evaluation mark may vary per master programme and are coordinated by the academic coordinator.

The evaluation form is to be filled by the supervisor of the training and to be submitted to the academic coordinator and the academic supervisor the latest 2 weeks after completing the internship.

Follow the procedure on

<http://www.bruface.eu/EN/Home/Internship/>

Step 3: Evaluation Form

The student informs the supervisor of the training entity and is responsible for the follow-up.

The student sends the electronic version of the report to the academic promoter and coordinator and the supervisor of the training entity, at the latest by the end of week 8.

Follow the procedure on

<http://www.bruface.eu/EN/Home/Internship/>

Step 4: Reporting Form

The report includes the following items:

- A description of the training entity;
- A technical description of the activities of the student;
- Remarks concerning social or personal matters in relation to the internship;
- Conclusions, including e.g. the added value and the benefits of the internship for the student and possible shortcomings and/or assets of the curriculum that were evidenced during the traineeship.

The academic promoter evaluates the report and gives feedback to the academic coordinator.

LANGUAGE POLICY

60 WORKING DAYS / 10 ECTS

The 3-page summary and the interview are in English.

The language of the portfolio, which is a private document between the academic supervisor and the trainee and which includes original documents from the company, is at the choice of the trainee between English, Dutch and French. Before concluding the internship agreement, the trainee will communicate his choice to the academic supervisor and get the approval of this supervisor concerning his sufficient proficiency to read and evaluate the portfolio in the chosen language.

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The report is written in English.

PROCESS OF CHOOSING THE TRAINING PLACE

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60 WORKING DAYS / 10 ECTS

- It is the responsibility of the student to find his/her internship. The work given to the student must be comparable to that of a junior engineer of the company/lab
- The student has the choice of the academic supervisor
- The agreement must be signed in triplicate (by the academic supervisor, the company supervisor and the student). Then the student has to bring the three agreements to Cédric Boey.

40 WORKING DAYS / 6 ECTS

The candidate for an internship is responsible for finding a company or institute where the training will take place. If necessary, the student may contact the academic coordinator (see list above) to obtain information of potential training sites.

If an agreement can be reached on these issues, the trainee follows Step 1: Application Form on <http://www.bruface.eu/EN/Home/Internship/>

See also Legalities for additional steps in the procedure.

Final deadline for VUB or ULB Internship Agreement (see legalities): 30th of June