



COURSE SYLLABUS

Industrial Placement Course in Built Environment, 15 credits

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Course Code: TIBS23	Education Cycle: Second-cycle level
Confirmed by: Dean Mar 1, 2023	Disciplinary domain: Technology
Revised by: Nov 7, 2024	Subject group: BY1
Valid From: Aug 1, 2025	Specialised in: A1F
Version: 2	Main field of study: Built Environment

Intended Learning Outcomes (ILO)

After a successful course, the student shall:

Knowledge and understanding

- demonstrate comprehension of the difference between the experience of practical work and the theoretical knowledge acquired earlier in the program
- demonstrate comprehension of the fundamental conditions in the workplace, including the relationship between employers and employees.

Skills and abilities

- demonstrate the ability to professionally prepare for an internship position
- demonstrate the ability to identify and take contact with companies and organizations working with the digitalization of the built environment
- demonstrate skills to apply the knowledge acquired through their education in professional work
- demonstrate the ability to describe, analyze and document the practical work
- demonstrate the ability to orally explain and discuss information, problems, and solutions in dialogue with colleagues and supervisors in the workplace.

Judgement and approach

- demonstrate the ability, based on experience with clients, to reflect on their need for knowledge and skills in professional practice
- demonstrate an understanding of their future professional role and the responsibility for sustainability that comes with it
- demonstrate the ability to reflect on how the practical experiences are related to the theoretical knowledge in the respective specialization
- demonstrate the ability, in practical engineering work, to make assessments with regard to relevant social and ethical issues.

Contents

The course aims to provide students with the possibility for a professional approach in the exercise of their future profession.

The course includes the following elements:

- Joining and contributing knowledge to an ongoing project
- Witnessing and participates in an ongoing product development process
- Participating in professional practice relevant to the main subject area
- Planning and delivering professional development for the client's staff
- Written and oral reflection upon the experience of professional practice, and its documentation

Type of instruction

Students work individually at the assigned company and/or via digital platform; hands-on professional practice in the workplace; final report, written and oral, on campus.

An application stating the company where the internship is going to be conducted and the main tasks, assignments and deliveries must be submitted to the course responsible and examiner for approval. The internship will be approved only if company, tasks, assignments, and deliveries are evaluated relevant for the program and the student's educational and professional growth.

The teaching is conducted in English.

Prerequisites

At least 30 credits in the Master's program should be approved.

Examination and grades

The course is graded Fail (U) or Pass (G).

Some course components, such as lectures, labs, or seminars, may be mandatory due to their unique and non-repeatable nature.

Registration of examination:

Name of the Test	Value	Grading
Internship	12 credits	U/G
Presentation	3 credits	U/G

Course literature

The literature list for the course will be provided 8 weeks before the course starts.

Guiding documents and template will be available via Canvas.