

## Startup Entrepreneurship for Built Environment

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**Subject area:** Entrepreneurship

<b>University:</b>	TalTech
<b>Level:</b>	MA all years, PhD
<b>Teaching mode:</b>	hybrid: some students participate online, other students attend real-life
<b>Instructor(s):</b>	Ergo Pikas (TalTech), Antti Peltokorpi (Aalto University)

### Short description

The built environment and construction have long been beset with significant problems. A significant cause is the lack of collaboration across disciplines and insufficient training of specialists to manage, develop, and implement construction innovation. The aim of the course is to teach students design thinking, entrepreneurship, and product/service innovation competencies for analyzing and synthesizing problems and solutions for the built environment.

### Full description

<http://ois2.ttu.ee/uusois/subject/EPX5020>

### Learning outcomes

At the end of the course, the learner will be able to:

- analyze and synthesize the built environment problems and solutions;
- apply the design thinking principles, processes, methods and tools;
- apply the startup entrepreneurship principles, processes, methods and tools;
- follow the product and service innovation development principles and processes, and use its methods and tools.

### Recommended in particular for students of the following study programmes

The course is aimed at students in the built environment, economics, and IT at the graduate level. However, participation is not limited to specific fields, academic years, or experiences.

## General information

**Contact hours per week:** 4  
**Total workload:** 6 ECTS x 26 hours = 156 (in student hours for the whole course)  
**ECTS credits:** 6  
**Language:** English

**Course start date:** 31 January 2023  
**Course end date:** 03 June 2023  
**Add. info about start date:** The specific start date of the course is subject to change as the timetable is under development currently.  
**Weekly teaching day/time:** Tuesday afternoon  
**Time zone:** CET +1 (Estonia, Israel)  
**Further information:**

**Prerequisites:** The prerequisite for participation in the course is the will and motivation to create something new and the desire to acquire knowledge and skills related to the built environment problems, entrepreneurship, and lead, develop, and implement innovation.  
**Activities and methods:** Lectures, Seminars, Group work, Self-study, Tutorial sessions  
**Presence on campus:** Not required

## Final examination

**Form:** project  
**Date:**  
**Location/format:** on campus of home institution  
**Re-sit possibility:** yes  
**Transcript available:** end of semester  
**Add. info/requirements:** EuroTeQ students don't have to come to Tallinn, they can participate using video conferencing equipment.

## Registration

To register for this course, follow the registration requirements of your **home university** as specified here: [www.euroteq.eu/courses-registration](http://www.euroteq.eu/courses-registration).

## Administration

<b>Number of places:</b>	15
<b>Minimum participants:</b>	12 altogether
<b>Internal course code:</b>	EPX5020
<b>Contact:</b>	ergo.pikas@taltech.ee

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*This course is part of the EuroTeQ Engineering University joint course catalogue 2023. This is a collaborative activity of the partner universities DTU, L'X, TU/e, TalTech, CTU, TUM as well as Technion. Students from these universities can participate in the offered courses. It is the responsibility of the student to check if you fulfil the requirements to participate in a specific course. Students are also advised to check with their home institution how to get recognition of the ECTS credits gained in courses of the EuroTeQ course catalogue. For further information about EuroTeQ Engineering University, visit [www.euroteq.eu](http://www.euroteq.eu) or get in touch with the above-mentioned point of contact.*