

Postgraduate Programme in Innovation and Entrepreneurship in Engineering

Track in Community Service Engineering

Make a significant contribution as an engineer!

The track in Community Service Engineering bridges the worlds of technology, of the social domain and the profit sector. Above all, you will solve problems for people.

Once you really understand people and their challenges, you can change lives.

Our approach

Project work is an important part of the training. Projects are carried out **individually or in teams**. We start from real needs of people and organisations. Technics remains important but so is the process that you go through. You learn with and from one another about different contexts, the co-creation of technology, technical criteria, user criteria, viable business models, implications for other fields, etc.

'Real life' project (40 ECTS)

The 'real life' project that you choose will depend on your technical background and preference of a subsector in the social profit sector. You can select a project idea from the KU Leuven pool, but you can also start from your own project idea or an idea of the organisation that you work for.

Through this project, you get an opportunity to examine the potential of products or services in the social profit sector or to get one-step further in their development or implementation.

Specific courses (20 ECTS)

The project work is supported by course content, which is divided into four modules:

- 1. Vulnerable groups in society**
You will meet the challenges of various vulnerable groups in society. Experts by experience tell their stories and explain what role technology plays in it.
- 2. Organisations in the social profit sector**
You will learn about the role and future of the social profit sector.
- 3. Technology and the social profit sector**
You are introduced to the industry of assistive technology. You will study and analyse the accessibility of buildings, public space and accessibility in the wider sense (e.g. regarding ICT).
- 4. Interdisciplinary Module**
You will discuss the economic, ecological and legal implications of technology, the need for a multidisciplinary approach and how this can be achieved in practice. You will train your social skills: storytelling, active listening, dialogue, leading groups in co-creation ...

Courses are taught at the KU Leuven.



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Combine work and study

Classroom activities are organised on Fridays and Saturdays. About one third of the time you meet face-to-face. For the other two thirds, learning is made possible thanks to an interactive online learning environment. You can work on a self-selected time, place and pace. It is also possible to follow the programme part time, spread over 2 years.



International dimension

The track is fully taught in English. The programme is open to an international audience of graduate engineers. The pool of project ideas from the university has a number of project proposals from foreign organisations. This means you can work for an international employer if you wish.



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The 'Community Service Engineering' track is part of the Postgraduate Programme in Innovation and Entrepreneurship in engineering which offers the opportunity to gain a unique work experience through innovative projects in a stimulating environment. Next to the innovation project (40 ECTS), participants follow a personal study programme (20 ECTS) which focuses on broadening and technical skills.

More information

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www.innovationentrepreneurship.be/cse

This track is offered at

KU LEUVEN

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