

How will you innovate for a better world?

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“BTH conducts world leading research and education in strategic sustainable development and sustainable product innovation. This work is of great value to industry and society. The knowledge and methods being developed and taught provide good directions for investments and product development decisions.”

– Dr. Leif Johansson,
President, Volvo Group

Master’s in Sustainable Product-Service System Innovation

The challenge

The results of unsustainable product design are evident worldwide. Products contribute to global sustainability problems such as climate change, landfill waste and inhumane work environments during manufacturing. There is a need for systems innovators who:

- can help create leap frog solutions that lead us strategically towards a sustainable society;
- can manage a whole innovation process for sustainability – from needfinding to ideation, design and implementation; and
- have a strategic approach based on systems thinking.

Our graduates will be prepared to meet these challenges.

AT A GLANCE

Degree: Master of Science in Sustainable Product-Service System Innovation (MSc)

Credits: 60 ECTS credits

Duration: 1 year of full time study (Sept-June yearly)

Prerequisites: Bachelor’s degree in engineering, industrialeconomy, industrial design, or equivalent.

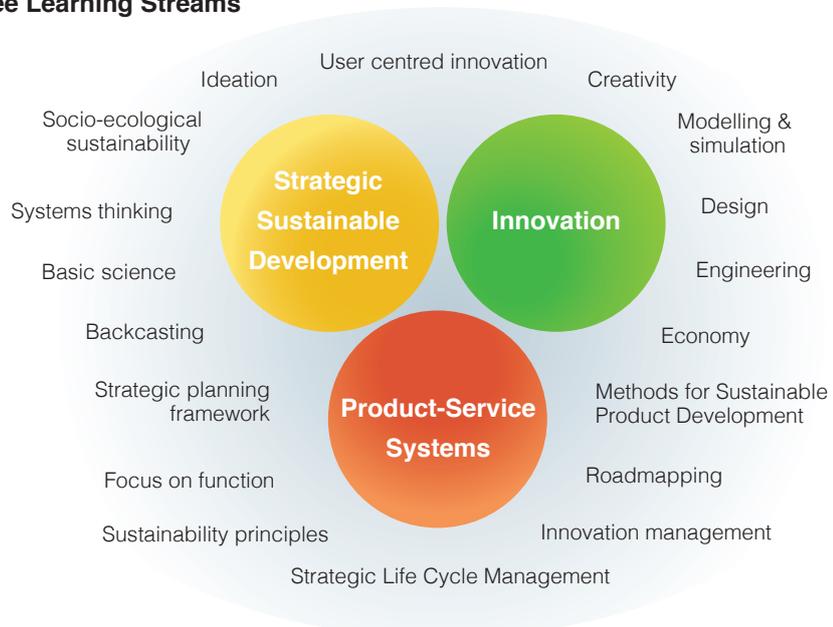
Proficiency in English.

Language: English

Programme Focus

The Blekinge Institute of Technology (BTH) in Sweden is now offering a comprehensive master’s programme to prepare people to be systems innovators for sustainability. A product’s socio-ecological impacts are largely determined by decisions made during the early phases of the innovation process. These decisions can have positive and negative effects on society through the product’s life cycle. Companies will gain competitive advantages in the evolving sustainability-driven market by building competence in innovation for sustainability.

Three Learning Streams



Contact us

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“Transformation of society towards sustainability both demands, and brings great opportunity for, innovation. Since there is no attractive alternative to sustainable development, people who learn to innovate for sustainability will have great career opportunities while serving a higher purpose.”

**- Dr. Göran Broman,
Professor**

WHY STUDY AT BTH?

BTH was recently acclaimed for its engineering education for sustainable development - #1 in Sweden and #3 in Europe! BTH offers a unique, exciting, diverse and cosy learning environment. Karlskrona is a UNESCO world heritage site.

As a participant, you will gain:

- Unique competence in developing products and services for a sustainable society
- Experiential learning from a university community at the leading edge of research and industry collaboration
- A concrete planning and decision-making framework for addressing the greatest challenge for human civilisation
- Excellent job opportunities in organisations of all sizes, across all sectors
- Access to a diverse and supportive network of sustainability alumni from BTH

Programme specifics

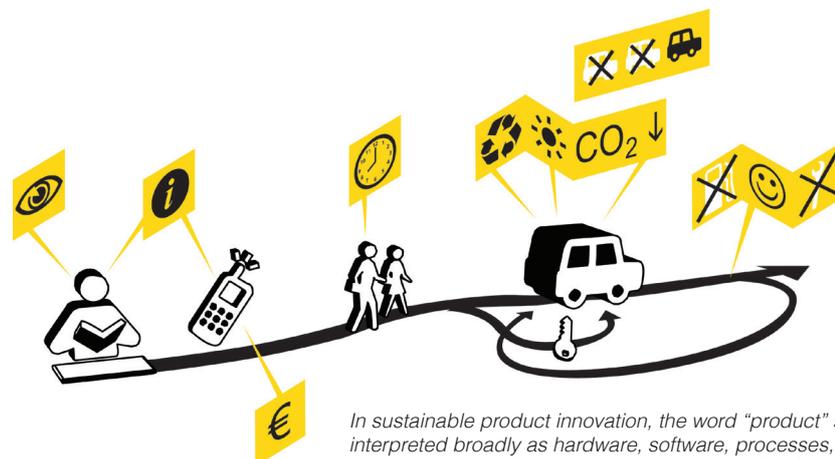
The programme is focused around BTH's profile areas: sustainability, innovation and systems engineering. Supporting areas such as strategic leadership, management and economics are also included. Learning occurs through:

- Lectures by leading edge BTH staff and guests
- Group work on current real-world challenges among partner companies
- Study visits and workshops exposing Scandinavian examples
- A transdisciplinary approach and experiential learning
- Thesis projects with partner companies

Career Paths

The programme provides academic training as well as professional skills and career enhancing credentials, drawing on Swedish and international experience. Graduates will be prepared to:

- Analyze sustainability challenges of an organization in a scientific way
- Incorporate a strategic sustainability perspective into a company's innovation process
- Utilise new methods and tools for working with companies on sustainable product-service system innovation
- Advance the global shift to a more service-based economy



In sustainable product innovation, the word “product” should be interpreted broadly as hardware, software, processes, services or combinations of these in systems (often called Product-Service Systems), i.e. technical and human systems and their interaction. A carpool is one example of such a product-service system.



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