



**MODERN ENGINEERS
SKILLED IN ECOLOGICAL
SUSTAINABILITY**

Bioeconomy Engineering

Bachelor of Engineering, 240 ECTS — 4 years

Are you passionate about engineering and sustainable solutions? This Bioeconomy Engineering programme will equip you as an engineer with the knowledge and skills that put your sustainable development goals into action. You will achieve this by gaining the competences to integrate digitalization and data technology with biomass flows management of land, forest and waters.

You will acquire team work skills to reshape communication between bioproduction, processing, business, markets and consumers. Principles of the circular economy and sparing use of natural resources are integral principles of the study programme.

This Bioeconomy Engineering programme will equip you with information technology competences to develop tailored data and technology-based solutions for the use of bioeconomy production and processing. The programme will familiarize you with knowledge of computer programming and software development, web-solutions, IoT, M2M, virtual and added reality, internet of services, industrial internet solutions, modeling and model simulations, 3D printing, data-analytics and communication networks. Your knowledge of

data processing and technology will be used in new and innovative ways to create changes in an industrial praxis and the socio-economic framework of bioeconomy.

WHAT WILL YOU BECOME?

After graduation, you will be an engineer specialized in producing smart information and technology based solutions for the management of bioeconomy, the production and processing industry and supply chains. You are able to work with businesses and enterprises, engineering agencies, government, the public sector and non-governmental organisations. Your future career can be in design, development, training, sales, consultancy, management, entrepreneurship and as a specialist.

**[www.hamk.fi/
bioeconomyengineering](http://www.hamk.fi/bioeconomyengineering)**

HAMK
HÄMEEN AMMATTIKORKEAKOULU
HÅME UNIVERSITY OF APPLIED SCIENCES

Studying Bioeconomy Engineering

Bioeconomy Engineering programme is taught at HAMK's Forssa Campus, 1,5 hour drive from Finland's capital city Helsinki.

LIFE IN THE CITY OF FORSSA

Forssa is a commercial centre and a sporting town. Situated in the southwest of Finland, Forssa is the administrative, commercial and service centre of its economic area. There are about 17,500 inhabitants in Forssa, and together with the surrounding municipalities Humppila, Jokioinen, Tammela and Ypäjä 35,000 inhabitants.

The people of Forssa like sports and are major consumers of culture. Almost all hobbies and activities can be found in Forssa. There are cinemas, theater, events, concerts, a library with many services, a swimming complex as well as facilities for basketball, football, ice hockey, floorball and ringette. Parks and outdoor recreation areas contain equipment and conditions for independent fitness training.

More information: www.hamk.fi/forssa

APPLICATION:

Find out more information about application:
www.hamk.fi/applicants
askus@hamk.fi

TUITION FEES:

EU/EEA students

There is no tuition fee for EU/EEA students

Non EU/EEA students

€9700/academic year

More information and HAMK's scholarship system:
www.hamk.fi/tuition

WANT TO KNOW MORE?

www.hamk.fi/bioeconomyengineering
bioengineering@hamk.fi



HÄME UNIVERSITY OF APPLIED SCIENCES, HAMK

Häme University of Applied Sciences, HAMK has been offering applied research since 1840. Today, 179 years later we are still helping our students navigate their way to success. HAMK is committed to driving new ways of thinking in our ever-changing world with outstanding modern learning facilities and world-class education methods. We have over 7000 students from over 60 countries based in our seven campuses. HAMK connects students with the global community of engineering. HAMK graduates are desired experts in the labour market; they are global problem-solvers with a creative and progressive approach.

Häme University of Applied Sciences is a state recognize higher education institute licenced by Finland's Ministry of Education and Culture.

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