



UNIVERSITY
OF BORÅS



Resource Recovery – Biotechnology and Bioeconomy

MASTER'S PROGRAMME

How can we produce enough nutritious food, animal feed, materials, and energy in a sustainable manner? How can biotechnology assist in fostering a sustainable society while creating job and business opportunities? This Master's programme offers the chance to become a global community builder in roles such as researcher, engineer, or manager.

Resource Recovery – Biotechnology and Bioeconomy

MASTER'S PROGRAMME

LEARN HOW TO TURN THE CHALLENGES OF WASTE INTO NEW OPPORTUNITIES

This unique Master's programme is for those who want to learn about how to use the biotechnology to turn the challenges associated with the huge amounts of waste generated by human activities into new opportunities for the development of a circular society. It is for those who want to learn more about green solutions for waste management and how it is possible to convert waste and by-products into sustainable products, as well as for those who want to learn how biology and biotechnology are translated into practice in industry and trade.

OUR PROGRAMME IN SHORT

In this Master's programme, you will build your skills in analysing and solving problems related to the transport, processing, and transformation of waste streams and residues into useful products using biotechnological methods and you will learn how to develop related processes and business enterprises.

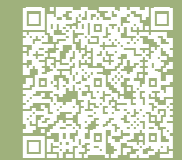
PROGRAMME STRUCTURE

In the first term, you will acquire broad competencies regarding the present state

and future directions of the field of resource recovery on both a global and national scale. This entails an exploration of business insights and methodological knowledge, including life cycle analysis.

During the second term, the programme focuses on courses related to biotechnology applications, bioprocesses, and bioeconomy.

Lastly, the programme includes a year-long degree project yielding 60 credits, wherein you will investigate the area of your particular interest in depth. This degree project can be conducted either within the industry or in collaboration with our esteemed researchers and doctoral candidates at the Swedish Centre for Resource Recovery and the Swedish School of Textiles at the University of Borås. It is also possible to do a degree project yielding 30 credits by taking additional elective coursework relevant to the programme.



SAMIRA SYED

"I wanted to learn skills that would let me make a real impact by finding practical ways to tackle environmental challenges and contribute to a better future for all."

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