Hanze

Exchange-programme

Qualification awarded
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Length of the programme
6 months

ECTS credits
30

Level of qualification
Bachelor

Mode
Full-time

Language
English

School
Institute for Life Science & Technology

Locations
Groningen

LST Exchange Minor Renewable Energy, Materials & Processing

Profile of the programme

Renewable energy, Materials and processing
Profile of the programme
The minor Renewable Energy, Materials and Processing is offered in the first semester of the year, starting in September.

Develop new renewable materials, learn more about renewable energy and apply chemical engineering to improve upcoming new technologies such as biomass digesters and biogas upgrading systems. This minor programme gives you all the tools to start your career in renewable energy, materials and processing.

During this minor, you will gain experience in organizing and executing projects in an international environment. You will work in groups of around 5 students, and focus on a large project in the field of renewable energy, materials and processing. These projects have been set by our own research institute and companies from the workfield. You will not only have to produce results, but also pay attention to the organisation of the project and the contact with the client.
There will also be theoretical courses that teach you about modules to analyze complex systems and biochemical reaction engineering. This knowledge can be used during the project and help you to optimize it further.

Because this master is also part of an international exchange programme, both your social and your engineering skills are crucial to obtain the right mix of group atmosphere and results-oriented dedication.

Learning outcomes

- Theoretical courses and project work in the field of renewable energy, materials and processing
- Projects carried out in cooperation with companies and institutes from the workfield
- Working together with international students from different backgrounds

Programme

LST Exchange Minor Renewable Energy, Materials & Processing	**credits**
Theme 13 - Renewable Energy, Materials & Processing	15
▯ CTVH25PREMP1 - Project Renewable Energy, Materials & Processing 1	*10*
▯ CTVH25PRDA - Process Data Analysis	*5*
Theme 14 - Renewable Energy, Materials & Processing	15
▯ CTVH25PREMP2 - Project Renewable Energy, Materials & Processing 2	*10*
▯ CTVH25BIOPEN - Bioprocess Engineering	*5*

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