

MSc Energy and Environmental Sciences

KEY FACTS

- › Start programme: 1 September
- › Duration: 24 months
- › Tuition fees per year EU / non-EU:
approx. € 1,800 / € 13,000

COURSES

- › Resources and Sustainable Development
- › Global Change
- › Energy and Materials



GENERAL INFORMATION

What are the solutions to the environmental issues on a global scale, like climate change, sustainable development and the greenhouse effect? What alternative sources of energy do we need to explore or make available for use?

The programme focusses on the large-scale issues and tries to contribute to possible solutions to the environmental problems. The two main themes of research are:

- › System studies on Energy and Environment - with a strong design-oriented, systems approach based in natural sciences. What are the possibilities for a sustainable future for a region, a country or the world as a whole?
- › Experimental studies of Energy and Climate - linked to an experimental, energy-related research programme. It covers a range of topics such as the carbon cycle in atmosphere and ocean, gas combustion studies, and biofuels technology.

The programme is connected to the Energy and Sustainability Research Institute Groningen. Research subjects include:

- › Polymer and organic solar cells
- › 2nd and 3rd generation bio-fuels, land and ocean-based
- › Energy systems approach
- › Carbon capture and storage
- › Air pollution modelling
- › Greenhouse gas cycles and fossil fuel verification

Career prospects

- › Research institutes or universities
- › Industry
- › Companies like major consultancy firms
- › Governmental agencies

More information

Programme website
www.rug.nl/fwn/MScEES
Questions?
admissions@rug.nl
Social media
facebook.com/universityofgroningen

WHY CHOOSE US?

- › Accessible for several Bachelor's degrees in Natural Sciences
- › Growing career prospects
- › Offering an interdisciplinary and an experimental specialization

Application

You can apply online, please go to:
www.rug.nl/howtoapply

Application deadline EU: 1 May 2014
Application deadline non-EU: 1 April 2014

Admission

- › Bachelor's degree in Chemistry, Chemical Engineering, (Applied) Physics, or Astronomy, or a relevant degree in a natural science if you choose the theme Systems studies on Energy and Environment
 - › English proficiency: TOEFL 580/237/92 or IELTS 6.5
- Please visit our [website](http://www.rug.nl) for detailed information