

# Bachelor's programme

## Environmental Sciences

How to ensure a healthy living environment with eight billion people on our planet? How can you contribute to a more sustainable society?

The international and interdisciplinary bachelor's programme covers environmental and sustainability challenges. You learn to investigate environmental issues like climate change, the depletion of natural resources, environmental pollution, the loss of biodiversity and water scarcity.

You also develop skills and knowledge to design sustainable solutions for the future of our planet.



### Short description of the study programme

- **You investigate the interaction between humans and environment**
- **You learn to perform scientific research on environmental issues, such as depletion of natural resources and climate change**
- **You develop skills and knowledge to design sustainable solutions for the future of our planet**

### Visit an Open Day

Find out more about our English Bachelor's programmes  
[wur.eu/openday](http://wur.eu/openday)



### Student for a Day

An experience, in a group or on your own  
[wur.eu/studentforaday](http://wur.eu/studentforaday)

### Study programme in numbers



**START**  
September



**NUMBER OF STUDENTS**  
85 students/year



**NUMBER OF CREDITS**  
60 ECTS each year  
(at least 36 ECTS in 1st year)



**COURSE LOAD PER WEEK**  
42 hours of which  
20-24 contact hours



**LANGUAGE**  
English



**STUDENT SATISFACTION**  
★★★★☆ | 4,1



**APPLICATION**  
For non-Dutch students:  
[wur.eu/bscapplication](http://wur.eu/bscapplication)  
For Dutch students:  
[wur.nl/aanmeldenbsc](http://wur.nl/aanmeldenbsc)



**ADMISSION REQUIREMENTS**  
For non-Dutch students:  
[wur.eu/admissionbsc](http://wur.eu/admissionbsc)  
For Dutch students: vwo N&T or N&G with Physics or E&M with Chemistry and Physics or C&M with Chemistry, Physics and Mathematics A or B.

## This is what the study programme covers

In this study programme, you deepen your knowledge on natural sciences and you gain a solid foundation in social sciences. With a combination of Mathematics, Biology, Chemistry and Physics you learn about new techniques, such as recovering raw materials from waste. You look at environmental problems from different angles. You learn all about sustainability and environmental challenges and opportunities. You also study how society deals with change. In doing so, you encounter questions such as: how do you convince people to behave more sustainably? And how do you ensure that future costs of climate change are taken into account now?



*“The blend of natural and social sciences is a major advantage. It provides a very broad foundation, and helps you to think from different perspectives when dealing with environmental issues. Environmental Sciences is a good choice for anybody seeking to work on a sustainable future by applying knowledge from a range of scientific fields.”*

Sjors van Iersel, alumnus



### Chat with a student

Ask your questions to one of our students  
[www.wur.eu/wurchat](http://www.wur.eu/wurchat)

### Get updates

Read about student life, activities and studying  
[weblog.wur.eu/international-students](http://weblog.wur.eu/international-students)

## Studying in Wageningen

Wageningen University & Research has been voted the best university in the Netherlands since 2005. We offer a wide range of courses that will prepare you to play an active role in improving the quality of life and society. You will find these courses at the Wageningen Campus, where education and research come together. The campus is within cycling distance of the city centre of Wageningen. Wageningen has an international character and plenty of opportunities for entertainment, sport and nature.



student experiences  
on wurtube

## Structure of the study programme

**1<sup>st</sup>** YEAR  
Basic courses Mathematics, Statistics, Chemistry and Physics and introductory courses on environmental issues like soil, water, environmental policy and sustainable solutions to environmental problems.

**2<sup>nd</sup>** YEAR  
Courses on air quality, environmental technology, environmental systems analysis and sustainability transitions, research project and field trip (abroad). Choose a specialization: Environmental Quality and Systems Analysis, Environmental Technology or Environmental Policy and Economics.

**3<sup>rd</sup>** YEAR  
Half a year of free elective space for an exchange, a minor or courses to deepen or broaden your knowledge. This year also includes specialization courses and a thesis.

## After your studies

Virtually all bachelor students continue with a master's programme. You have direct access to six master's programmes at Wageningen University & Research. Common jobs for an environmental scientist are researcher, consultant, entrepreneur, policy staff member or technical specialist.

*“I decided to study Environmental Sciences because then I could go in any direction. That I would end up working on one specific technology is something that I had never thought of. As the CEO of Plant-E, I hope that we can introduce electricity from plants as a new technology for electricity on a large scale. My broad background in Environmental Sciences helps. I have a pretty comprehensive idea of the competing alternative technologies.”*

Marjolein Helder, alumna



## More information

Visit [wur.eu/bes](http://wur.eu/bes)  
or mail to [bes.bsc@wur.nl](mailto:bes.bsc@wur.nl)

