

Bachelor's programme Marine Sciences

Choose a programme that suits you

Seas and oceans are increasingly used for food supply, mining, transport, wind energy, and tourism. On top of that, sea water warming, overfishing, pollution, and a rising sea level are causing ecological and social shifts on a large scale. This leads to important challenges and developments in the marine domain.

The bachelor's Marine Sciences is a new study programme offered since September 2023.



Short description of the study programme

- **The challenges in the marine domain are major and you will be trained to make an important contribution to the development of innovative, sustainable solutions**
- **You will learn to integrate the knowledge of different disciplines from the social and natural sciences**
- **The programme has an international orientation**

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Study programme in numbers



START
September



NUMBER OF STUDENTS
appr. 120 per year



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



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



LANGUAGE
English



STUDENT SATISFACTION
not available yet



APPLICATION
For non-Dutch students:
wur.eu/bscapplication
For Dutch students:
wur.nl/aanmeldenbsc



ADMISSION REQUIREMENTS
For non-Dutch students:
wur.eu/admissionbsc
For Dutch students:
wur.nl/aanmeldenbsc

This is what the study programme covers

During the broad bachelor's programme Marine Sciences, you will immerse yourself in biosciences, environmental sciences and social sciences in order to understand the complexity of marine systems worldwide. The focus is on nature, food and society. You will, for example, study the effects of climate change on water flows and marine life, how seas and oceans can contribute to the sustainable production of food or how we can design solutions for coastal defence, reef restoration or sustainable energy, inspired and supported by nature. Furthermore, you will develop the knowledge and skills to bridge conflicting interests and investigate trade-offs and synergies.

“There are always multiple perspectives and disciplines connected to environmental issues. I think it's great that we are studying the social sciences as well as the natural sciences.”
Jarre, student



Chat with a student

Ask your questions to one of our students
www.wur.eu/wurchat

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Read about student life, activities and studying
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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

Besides spending a lot of time on our green campus for lectures and assignments, you also attend various practical courses and excursions.

1st YEAR *Understanding marine systems*
You will have courses on marine ecology, governance and water systems, and basic courses on topics like mathematics and genetics. You will finish the year with a field project in the Wadden Sea.

2nd YEAR *Solving marine problems*
You will have courses on marine food systems, marine economics and law, global marine cycles, geo-information science and data science. The year ends with an integrating project in which you learn from international examples to design your own nature based solution.

3rd YEAR *Converging Knowledge*
The third year commences with a free choice semester. The second half of the year has a third integrated project and an individual research project.

After your studies

Virtually all bachelor students will continue with a master's programme. The broad scope of the programme creates opportunities for you to continue your studies in ten master's programmes of Wageningen University & Research, such as the MSc Aquaculture and Marine Resource Management or the MSc Environmental Sciences, and many other master's programmes in the fields of biosciences, environmental sciences and social sciences at other Dutch universities or universities abroad. After completing a master's degree, you are suitable for positions in research, policy, consultancy & advice, ICT & data sciences and as experts or specialists in e.g., ecology, aquaculture or climate governance.

More information

Visit wur.eu/bms
or mail to bms.bsc@wur.nl

