

Master's programmes

Wageningen University & Research



Learn more about our master's
programmes in the domain of life,
environmental and social sciences.
wur.eu/master



	Life Sciences	3
	Environmental Sciences	11
	Social Sciences	16
	Application procedure	20



Studying in Wageningen

Be part of our international community of students who want to change the world. Together we can find solutions for problems like health and food security, water scarcity, climate change and other environmental and global issues. You are ensured personal guidance throughout your student career. Studying in Wageningen guarantees premium quality education and an international quality benchmark on your curriculum vitae.

To explore the potential of nature to improve the quality of life



At Wageningen University & Research (WUR) scientists and students work around the globe to understand and find solutions for complex environmental issues and climate change. And also to address challenges in food security, the relation between food and health, and biodiversity decline. We are committed to contribute to the United Nations Sustainable Development Goals.

We learn students to jointly explore the broader picture as well as zooming in. They can understand processes on a micro and molecular level and connect these insights to challenges and solutions of larger ecosystems, sustainable food systems and human health and wellbeing. In the dynamics of the modern world, it is no longer possible to understand and solve complex sustainability issues through a mono-disciplinary and individual approach.

The heart of our research and education is our wonderful campus where students and scientists from around the world gather to form an international academic community that bridges cultures. This enriches the dynamic and international climate of our university and stresses the necessity to work together on a global scale and with international partners.

I hope you share our ambition to improve the quality of life and that we may welcome you as a new member of our international academic community. Because only with ambitious students and scientists we can continue to be a top university in our field of food and the living environment.

Prof.dr. Arthur P.J. Mol
Rector Magnificus



7,249

Master's students



111

Nationalities



60%

Dutch



40%

International



43%

Male



57%

Female



Animal Breeding and Genetics



Are you interested in animal breeding? Do you have a passion for genetics? Do you enjoy working in a truly international environment? Then you are the right candidate for the European master's in Animal Breeding and Genetics.

The EMABG course is offered jointly by six European universities (in Vienna, Paris, Uppsala, Aas, Göttingen and Wageningen) with strong, complementary teaching and research in animal breeding and genetics. The 2-year master's is open for motivated students with a background (minimal BSc level) in Animal Sciences, Biology or related fields, who like to specialise in this field.

For a complete overview of the double degrees in Wageningen look at wur.eu/jointprogrammes.

Animal Sciences



Animals are an integral part of our society: they provide us with food and companionship. But did you ever think about the global issues that occur by domesticating animals? For both animals and humans it's important to develop sustainable solutions for animal husbandry systems worldwide. While taking into account various factors that influence this development, such as feed supply, animal health and welfare, management levels, genetic diversity, environmental impact and socio-economics. In this master's programme you become a skilled professional in the field of livestock, companion and zoo animals, well equipped to develop modern, efficient and humane ways to care for and make the best use of the animals who share our lives.

Specialisations:

- Genetics and Biodiversity
- Nutrition and Metabolism
- Global and Sustainable Production
- Adaptation, Health and Behavior
- Molecule, Cell and Organ Functioning
- Animal Ecology

Aquaculture and Marine Resource Management

wur.eu/mam



Are you interested in innovative and sustainable solutions to preserve marine biodiversity and its ecosystem functions? Learn to combine natural and social sciences to find solutions in marine ecosystem management and aquaculture.

In this master's programme you could work for example on sustainable fisheries certification, design a circular aquaculture system to produce food in a sustainable way, or work on coastal protection that includes the local flora and fauna.

Specialisations:

- Aquaculture
- Marine Resources and Ecology
- Marine Governance

Biobased Sciences

wur.eu/mbs



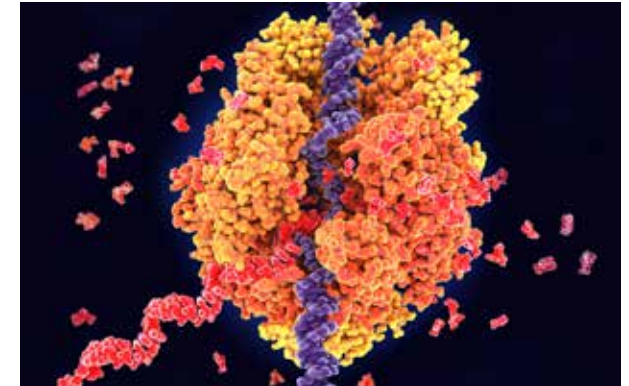
Is it possible for all nine billion humans to have a relatively high level of prosperity and welfare in 2050? Right now, materials and energy are often produced from fossil fuels, and this should increasingly be reused or replaced by biomass. The master's programme Biobased Sciences focuses on the challenges of the current and future generations to improve resource efficiency while including economic, technical, social and environmental aspects. Will you be at the forefront of changes?

Specialisations:

- Biomass Production and Carbon Capture
- Biorefinery and Conversion
- Biobased and Circular Economy

Bioinformatics

wur.eu/mbf



Do you believe in data-driven progress combining computer science and molecular biology? The master's Bioinformatics is a developing scientific discipline that combines computer science, modelling, statistics and molecular biology. It was developed to cope with and help us understand the ever-increasing amount of data available about DNA, RNA and derived proteins.

This programme will teach you how to store, retrieve, analyse and model information applying data science. You will discover and magnify the importance of biological data in our everyday lives.

Tracks:

- Bioinformatics
- Systems biology

Rankings



The best university in the Netherlands since 2005
The Dutch study guide universities



1 in Agriculture
National Taiwan Ranking 2022



1 in Geography and Agricultural Sciences
Shanghai Ranking 2022



5 in Environmental Sciences
QS World University Rankings 2022



53 of all universities worldwide
Times Higher Education World University Rankings 2022

Biology

wur.eu/mbi



Do you want to understand living systems? Are you ready to help preserve biodiversity, our environment or human and animal health? Then this is the master's for you. In this master's you will get a broad overview of the latest developments in biology.

Students are challenged to understand the complexity of biological systems at scales ranging from single molecules to whole ecosystems and from single generations to evolutionary timescales.

Specialisations:

- Cell Biology and Molecular Interactions
- Adaptation and Development
- Health and Disease
- Ecology

Biosystems Engineering

wur.eu/mbc



Looking for a future in which sustainable technology makes a difference? In the master's Biosystems Engineering you will learn about the development of technology for the production, processing and storage of food and agricultural non-food.

The interaction between technology, plants, animals, the environment and society plays a central role. This often results in developing new technology. That is why you are trained to find innovative solutions and combine knowledge of technology and living systems with integrated thinking.

Tracks:

- Farm Technology
- Geo-Information Science & Remote Sensing
- Mathematical and Statistical Methods
- Information Technology
- Environmental Technology
- Operations Research and Logistics
- Biobased Chemistry and Technology

Biotechnology

wur.eu/mbt



From food to vaccines; biotechnologists are at the heart of decisive solutions. The master's Biotechnology focuses on the industrial exploitation of cells and micro-organisms or components derived from these organisms. You will learn to engineer processes and production cells. Within the programme, you can choose a focus on biopharma, environmental and biobased technology. This is a multidisciplinary programme that combines cellular biology, microbiology and gene technology with bioprocess engineering.

Specialisations:

- Cellular and Molecular Biotechnology
- Food Biotechnology
- Medical Biotechnology
- Process Technology
- Environmental and Biobased Technology

Get to know the university



Education fairs

Representatives of WUR give presentations all over the world during fairs. But they also join several fairs online. Find out where you can meet us at wur.eu/meetus.



Webinars

Throughout the year you can join various online webinars for students who want to study at WUR. Get more information about the programmes, student life and studying in Wageningen in these interactive online presentations. Find the upcoming webinars at wur.eu/webinars

Food Quality Management

wur.eu/mfq



The world's population is increasing and so is the demand for high-quality food. The master's Food Quality Management is focused on the quality and safety of food and other perishable products like flowers. The whole supply chain is studied from the primary sector to the final consumer.

In this programme, you will learn to use an integrated approach to solve quality issues in the agri-food chain.

Specialisations:

- Quality Control and Assurance
- Quality and Food Logistics
- User-oriented Food Quality
- Quality Management and Entrepreneurship

Food Safety



The master's Food Safety is one of the most modern and innovative programmes in this field. This unique programme focuses on the technical and legal aspects of food safety. You will learn about the technological processes associated with food safety measures, regulations and guidelines aimed at controlling food hazards.

Within the master's you can specialise by choosing one of the three specialisations. All specialisations have the courses Food Safety Management and Food Law in common.

Specialisations:

- Applied Food Safety
- Food Law and Regulatory Affairs
- Supply Chain Safety

Food Technology



Have you always wanted to work in the world of food? Do you want to learn how to design new products or are you more interested in the production of food using microbiology or enzymes? The Food Technology master's is an innovative programme that will introduce you to a wide range of aspects of food. You will be involved in research in all areas of food science. Wageningen University & Research has one of the largest Food Science and Technology groups in Europe. This allows you to follow high-level courses and research, ranging from advanced technical fields to more economic, sociological and marketing aspects.

Specialisations:

- Product Design and Ingredient Functionality
- Sustainable Food Process Engineering
- Food Fermentation and Biotechnology
- Dairy Science and Technology
- Food Digestion and Health
- Gastronomy Science
- Sensory Science
- Food Entrepreneurship
- European Master's in Food Studies
- Food Technology (online master's specialisation)

Food Technology (online)



The online master's specialisation Food Technology focuses on the core of food technology: ingredient functionality, sustainable food process engineering and product design. You will learn how to perform food science research, design food products and improve food production processes.

A course programme of two years will be followed by a tailor-made internship and master's thesis. During the courses, you will closely collaborate with lecturers, tutors and fellow distance learning students on a virtual learning platform.

Health Management in Aquaculture

wur.eu/aquah



Contribute to a sustainable supply of healthy seafood and answer the challenges of global food demand and overfishing. In this international master's you are trained to develop innovative solutions for health and disease problems in the aquaculture industry.

This master's is a joint programme between leading research institutes: Wageningen University & Research, NTNU (Norway), Ghent University (Belgium) and Universitat Autònoma de Barcelona (Spain).

For a complete overview of the double degrees in Wageningen look at wur.eu/jointprogrammes.

Molecular Life Sciences

wur.eu/mml



By combining chemistry, physics, and biology, groundbreaking fundamental research is performed in the life sciences. With this mindset, the programme Molecular Life Sciences focuses on processes from the atomic up to the cellular scale. Our students work on a large range of topics, for example, the tracking of Cas proteins to quantify the functioning of CRISPR-Cas in vivo, production of self-healing materials by smart design of polymers, and development of cell specific delivery mechanisms inspired by virus-like particles. The possibilities of this master's programme are endless, so which fields are you going to explore?

Specialisations:

- Biological Chemistry
- Physical Biology
- Physical Chemistry
- Biomedical Research

Nutrition and Health

wur.eu/mnh



How can we help to keep the world population healthy? Public health is one of the main topic these days. In the master's Nutrition and Health you will learn about the role of dietary and lifestyle factors in human health and diseases. This role is studied from a biomedical perspective at molecular and cellular, individual and population levels. Students learn to solve problems with multidisciplinary biomedical knowledge and skills as well as an interdisciplinary approach to communication with experts in human nutrition and other fields.

Specialisations:

- Nutritional and Public Health Epidemiology
- Nutritional Physiology and Health Status
- Molecular Nutrition and Toxicology
- Sensory Science
- Systems Approach for Sustainable and Healthy Diets
- Food Digestion and Health
- Data Science for Health

Nutritional Epidemiology and Public Health



Are you curious about the role that nutrition and lifestyle play in the development or prevention of diseases? In this online master's you will be trained in epidemiological and intervention studies, to find novel ways to preventing disease and promoting health.

This programme is based on studying the aetiology of diet-related diseases (from a biomedical perspective), the strategies for prevention in the community setting (from a behavioural and environmental perspective) and treatment in the curative setting (from a clinical perspective). We will train you to become acquainted with the latest scientific methodologies. We have a fixed number and order of courses in our online master. When you choose this master's you will specialise through these courses.

Organic Agriculture



The master's Organic Agriculture explores sustainable food production and multifunctional land use in a multidisciplinary way (plant, soil, animal, social and environmental sciences). This includes diverse perspectives (sustainability, health, ethics) and different geographical scales (local, regional and global).

A systems approach characterises the programme, which values the integration of theory and practice via action learning and action research. Graduates work in positions related to multiple land use, agroecology and sustainable food systems.

Specialisations:

- Agroecology
- Sustainable Food Systems
- Double degree Agroecology

Agroecology



The double degree Agroecology is a European master's especially for students with a strong interest in sustainable agriculture and agroecosystem management. This programme is part of the Organic Agriculture master's and gives you the possibility to understand structure and function of complex agroecosystems.

When you choose the double degree programme Agroecology you will complete your first year in Wageningen. The second year you transfer to the Supérieur d'agroalimentaire Rhône-Alpes (ISARA-Lyon) in Lyon, France.

For a complete overview of the double degrees in Wageningen look at wur.eu/jointprogrammes.

Plant Biotechnology

wur.eu/mpb



In recent years there has been an impressive rise in technological developments in plant biology, genomics, molecular genetics and bioinformatics. In the master's Plant Biotechnology students can explore the use of these technologies to study bio-interactions, develop plants for food production and health applications, and to produce bioresources.

The programme is research oriented, with particular focus on molecular and cell biology, genomics and bioinformatics. It also addresses the socio-economic, ethical and environmental impact of the field from a global perspective.

Specialisations:

- Functional Plant Genomics
- Plant for Human and Animal Health
- Molecular Plant Breeding and Pathology

Plant Breeding

wur.eu/omps



New varieties of plants have to meet current demands for sustainable plant production. This online master's programme involves a wide variety of aspects related to the physiology, ecology, and genetics of cultivated plants, ranging from the molecular level to the population level. The programme teaches students several molecular techniques that will help identify specific genes for natural resistance. These techniques are essential for accelerating the selection process by marker-assisted breeding.

A course programme of two years will be followed by a tailor-made internship and master's thesis in the third and fourth year. During the courses, you will closely collaborate with lecturers, tutors and fellow distance learning students on a virtual learning platform.

Plant Sciences

wur.eu/mps



The domain of plant sciences is linked to a professional sector that is of great importance to the world's economy. Plants and their relation to environmental factors play a leading role in this master's programme. This provides students with a fundamental and applied perspective on sustainable crop production, greenhouse horticulture, plant breeding and bio-interactions to improve global food security and develop smart solutions to reduce the influence of climate change on crop production and vice versa.

Specialisations:

- Crop Science
- Greenhouse Horticulture
- Natural Resource Management
- Plant Breeding and Genetic Resources
- Plant Pathology and Entomology

Water Technology



How can we improve the desalination of seawater with smart design? Or remove micro-pollutants using smart UV technology? These are just a few examples of technological innovations in the field of water technology.

Students learn to develop, propagate and apply sustainable innovations and optimisations, and create new insights within the broader framework of the growing scarcity of raw materials (mainly water), energy and associated pollution. The research part of the master's programme prepares students to do research independently and to combine all acquired skills. It allows them to become experts in the field of a topic that fits their interests and preferred future career in the area of water technology.

Main research areas:

- Drought resilience
- Healthy environment
- Recovered resources
- Sustainable water

Environmental Sciences



Climate Studies



The debate in science no longer revolves around whether our climate will change, but how it will change, how we can cope with the impact and how we can limit climate change in the long term. These issues are important for the entire world. Society needs answers to many questions such as: How will ecosystems be affected and how will these in turn affect the climate system? How will climate change issues set national and international political agendas? In which way will social actors respond to climate change?

The MSc Climate Studies programme does not only cover the most important geophysical and biogeochemical processes involved in climate change (the mechanisms) but it also covers the socio-economic aspects of causes and effects as well as adaptation and mitigation as the main categories of societal response.

Specialisations:

- The Physical Climate System
- Biogeochemical Cycles
- Ecological and Agroecological Systems
- Human-Environment Interaction
- Climate, Society and Economics

Earth and Environment



Would you like to increase our understanding of the earth system to face the challenges of today and tomorrow? In the master's Earth and Environment, you will use methods from physics, chemistry, biology and mathematics to study the earth and its atmosphere at different temporal and spatial scales.

If you join this programme, you will learn to view the earth as a coherent system, with intense and significant interactions between its compartments. You will gain a broad view of the interactions in the critical zone where the different spheres meet. Subjects studied range from micro to global scale. With one of the four specialisations, you can tailor the programme to your interests.

Specialisations:

- Hydrology and Water Resources
- Meteorology and Air Quality
- Biology and Chemistry of Soil and Water
- Soil Geography and Earth Surface Dynamics

Environmental Sciences



Are you up to the challenge of finding innovative methods and sustainable solutions to the threats facing the environment? In the master's Environmental Sciences you will learn about the socio-economic causes of pollution and the deterioration of the environment, including its effects on humans, ecosystems and other organisms. This two-year programme has one year of coursework and one year of research. Students learn to develop analytical tools and models, as well as technologies, socio-political arrangements and economic instruments to prevent and control environmental and sustainability issues.

Specialisations:

- Environmental Quality
- Environmental Policy and Economics
- Environmental Technology
- Human-Environmental Systems

Get to know the university



Chat with a student

Do you have questions about being a student in Wageningen or do you want to talk to a student about a programme? Then chat with one of our students at wur.eu/wurchat



Master's Open Day

You can join an on campus or an online open day. Talk to study advisers from each programme, to students about their experiences and get to know the campus. Visit wur.eu/meetus for the next open day.

Visit wur.eu/meetus for the latest update on an event.

Forest and Nature Conservation

wur.eu/mfn



How can we predict the effect of deforestation, biodiversity loss, ecotourism and timber production? The master's Forest and Nature Conservation focuses on policy, sustainable management and conservation of forest and nature to understand these issues. This programme represents an integrated approach to natural resource management that can be applied at different scales, to diverse ecosystems and in varying political and social contexts.

In the first year, all students will follow a common part with compulsory courses. After that, you can choose your specialisation. These specialisations make the programme attractive for undergraduates from both the natural and social sciences.

Specialisations:

- Policy and Society
- Ecology
- Management

Geographical Information Management and Applications

msc-gima.nl



In the GIMA programme, you focus on the management and application of geographical information and systems. This information is becoming more and more important around the world. Think of navigation systems, location-based services, movement analysis, augmented reality and the increasing usage of digital maps.

You will develop knowledge and skills on the theoretical, methodological, technological and organisational principle of working with geographical information (GI). This master's is a blended programme which means you can study partly from home.

This is a joint programme offered by Utrecht University, Delft University of Technology, University of Twente and Wageningen University & Research. For more information about admission and application, please visit msc-gima.nl/application-procedure

Geo-Information Science

wur.eu/mgi



Do you want to contribute to solving multidisciplinary and complex issues using geo-information systems, remote sensing and data science? Then the master's Geo-Information Science is a perfect match for you.

In this programme, you will learn about generating and using geo-information to solve problems in domains like environmental sciences, agricultural sciences and social sciences. Challenges in these domains are for example flooding, food security, renewable energy and urbanisation.

Tracks:

- Remote Sensing and Land Monitoring
- Geo-Information Systems Engineering
- Human-Space Interactions
- Geo-Data Science

International Land and Water Management

wur.eu/mil



Develop plans for sustainable crop production on healthy soils with local farmers in Burundi. Investigate how the growing thirst of Lima city threatens the livelihood of Andean farmers. Or create scenarios for sustainable use of the flood plains of the Rhine river in a climate change context. These are just a few examples of the issues students explore in the International Land and Water Management programme.

You learn to unravel the complex questions by combining insights from physical, technical and social sciences and by integrating non-academic knowledge. With your problem-oriented attitude and interdisciplinary background, you will become a relevant connecting player in land and water management challenges.

Specialisations:

- Sustainable Land Management
- Water, Society and Technology
- Adaptive Water Management

Landscape Architecture and Planning

wur.eu/mlp



What would you change in our landscapes and what moves you to create plans and designs that make the difference? In the master's Landscape Architecture and Planning, you will learn to understand and analyse the complex relationship between people, nature and landscape.

The new generation of landscape architects and spatial planners of Wageningen University & Research understand complex environmental challenges when shaping and creating the landscape in which we live. We perceive the landscape as a complex, socio-ecological system, that asks for an integrative approach to interventions. That is why we combine spatial planning with landscape architecture.

Specialisations:

- Landscape Architecture
- Spatial Planning

Metropolitan Analysis, Design and Engineering

wur.eu/made



The master's Metropolitan Analysis, Design and Engineering (MSc MADE) is an interdisciplinary programme of both Wageningen University & Research and Delft University of Technology. It is a master's with a focus on sustainable development. You learn to create innovative solutions for the challenges that metropolitan regions are facing in securing environmental change, urban sustainability and the quality of life in cities.

The first academic year consists of courses such as Metropolitan Challenges, Data and Entrepreneurship. These will prepare you for the Living Lab in Amsterdam in the second year. The Living Lab approach will enable you to work on real-life cases within the city of Amsterdam.

Get to know the university



Student for a day

Step in the shoes of one of our students and join them for a day at the campus. They will show you around and tell more about the programme. For information and registration go to wur.eu/meetus.



Representatives from your country

WUR has representatives all over the world to answer your questions. They speak your language and know the university and the Netherlands well. Go to wur.eu/representatives to find the representative near you.

Visit wur.eu/meetus for the latest update on an event.

Tourism, Society and Environment

wur.eu/mto



Tourism is an ever-growing and global phenomenon. As one of the world's largest economic sectors, its societal and environmental challenges cannot be ignored. During the two-year MSc programme Tourism, Society and Environment you critically examine the growing significance and complexity of tourism. As such you will be able to identify the problems behind tourism, but also to contribute to effective and sustainable solutions in tourism.

Thematic trajectories:

- Tourism & Development
- Tourism & Natural Resources
- Tourism & Global Change
- Tourism & Experiences

Urban Environmental Management

wur.eu/mue



Within 20 years, more than 60% of the world population will live in cities. What moves you in finding ways to manage this future vision? The master's programme Urban Environmental Management focuses on preparing students with the outlook, tools and concepts to manage the urban environment.

Tracks:

- Environmental Economics
- Environmental Policy
- Environmental Systems Analysis
- Geo-Information Science
- Business Management and Organisation
- Land Use Planning
- Urban Systems Engineering

Social Sciences



Communication, Health and Life Sciences

wur.eu/mch



This programme trains academics to understand, facilitate and drive societal change in complex settings. You learn to understand the role of communication in addressing complex societal challenges regarding life sciences and health issues from different perspectives. You learn to translate these issues for diverse audiences and build bridges between different stakeholders.

Specialisations:

- Communication and Innovation
- Health and Society
- Data Science for Health Promotion

Consumer Studies

wur.eu/mcs



The two-year master's programme Consumer Studies offers a unique approach to answer questions about consumers in an ever changing society. *Why do consumers behave the way they do? How does their behaviour relate to society, where health and sustainability are seen as increasingly important?* You obtain the knowledge and skills to analyse consumers making choices, acquiring, using and disposing products and services. You learn to translate this knowledge for use within companies, governmental and non-governmental organisations, and research.

Key competences:

- Consumer Studies for Sustainability: Perspectives and Ethics
- Sensory Perception and Consumer Preferences
- Consumer, Technology and Innovation
- Advanced Consumer Studies
- Advanced Quantitative and/or Advanced Qualitative Approaches for Consumer Studies

Data Science for Food and Health



Data are everywhere: from sensors and trackers to apps measuring the behaviour of people. The use of data science offers new opportunities in the domains of health, nutrition, lifestyle and consumer behaviour. We can use data science to better measure and understand what and how people eat. What food choices do they make? And what is the relation between lifestyle and human health? You will be able to integrate data science knowledge and skills with a sound understanding of nutrition, consumer behaviour and lifestyles, and their effects on human health. You will learn to translate raw data from diverse sources into intelligible and actionable knowledge. After graduation, a data scientist in Food and Health will have a solid knowledge base, as well as excellent connecting skills.

Development and Rural Innovation



Societal problems cannot be solved by technology alone. Innovation processes like the transition towards more sustainability and better food security are essentially also social processes. That is why students of the master's Development and Rural Innovation learn to look at the whole picture. This programme offers a variety of problem-oriented courses with an interactive component.

Study tracks:

- Communication and Innovation Studies
- Sociology of Development
- Technology and Development Studies
- Rural Sociology

Economics of Sustainability



Do you want to use your skills as an economist for societal impact? Are you interested in providing economic solutions that promote transitions to a sustainable future? In the two-year master programme Economics of Sustainability you learn just that. It focuses on the interactions between economic actors and the natural environment. You are trained as a quantitative economist who is able to analyse real-world problems in food systems, natural resources and the living environment, and to come up with economic solutions for a sustainable future.

Courses:

- Advanced Econometrics
- Economic Modeling of Sustainability Challenges
- Philosophy, Ethics, and Economics
- Behavioral Economics and Sustainability
- Economics of EU Policies for Sustainable Transitions
- Economics of the Environment in long run perspective

Governance of Sustainability Transformations



Do you want to be a future leader and address today's grand sustainability challenges? With the two-year master's programme Governance of Sustainability Transformations you develop interdisciplinary social science skills and learn to use science for impact. You will put your in-depth understanding of transformative governance to work in designs of and negotiations over novel governance arrangements connecting top-down and bottom-up.

Courses:

- Grand Challenges for the Governance of Sustainability Transformations
- Transformative Sustainability Practices for systemic Change
- Advanced Comparative Public Governance for Sustainability Transformations
- Transnational Environmental Law and Regulation
- Research and Design for Inclusive Transformative Sustainability Governance

Information and Communication Technology for Development



The master's in Information and Communication Technology for Development is an Erasmus Mundus Joint Master Degree (EMJMD) which approaches the vast and recent field of digital communication from an interdisciplinary and international point of view, bringing together advanced academic discussion with practical knowledge and skills. The master's is developed in three innovative tracks, organised by four European universities in Austria, Denmark, Belgium and the Netherlands.

For a complete overview of the double degrees in Wageningen look at wur.eu/jointprogrammes.

Get to know WUR with a MOOC!



MOOCs are online courses, open for everyone to join! You study in your own time, at your own pace, from wherever in the world. Join us and find answers to: Why do animals behave the way they do? How can we feed the growing population? What can we do to make tourism more sustainable? Or learn more about subjects such as economy, crops, agriculture or the environment.

With over 40 MOOCs there are bound to be many courses you enjoy! MOOCs are developed by our own top professors and are based on the latest scientific evidence.

Join our online community of over 1 million learners and explore all MOOCs on wur.eu/moocs.



International Development Studies

wur.eu/mid



Poverty, injustice and environmental degradation are just a few of the global challenges we are facing today. The master's International Development Studies deals with processes of development and change related to livelihoods, agro-food networks and the environment in a dynamic international context. What moves you?

Specialisations:

- Sociology of Development
- Inclusive Innovation, Communication and Development
- Politics and Governance of Development
- Economics of Development

Supply Chain Analytics

wur.eu/msa



Are you business-minded and inspired by smart solutions for supply chains? This two-year master's programme focusses on sustainable supply chains from the perspective of information technology, business economics and operations of material flows in supply chains. You will gain in-depth knowledge and skills to bridge the gap between scientific theory and its applicability in practice. You will learn to deal with the complexity of modern decision making in sustainable supply chains to be able to translate promising approaches to specialists.

Key competences:

- Business Information Analytics
- Material Flow Analytics
- Analytics for Business Economics
- Sustainable Supply Chain Analytics
- Philosophy of Science and Ethics
- Supply Chain Research Skills

Sustainable Business and Innovation

wur.eu/msb



Today's companies must transform into innovative and sustainable companies in order to address the grand challenges the world is facing. This master's programme helps prepare you to lead companies into a sustainable future. You study organisational renewal, making effective use of data-driven and smart innovations, and re-aligning with chain partners to promote Sustainable Development Goals. In this two-year's master programme you will acquire knowledge, skills, and competencies from both management and marketing sciences, to become a manager, marketer or entrepreneur to support the transformation of companies into sustainable enterprises.

Courses:

- Business Theory and Sustainability
- Strategic Marketing for Market Transformations
- Leading and Organising for Sustainability
- Conceptual Innovation Lab
- Analytical Methods for Sustainable Business and Innovation
- Critical Reflections on Sustainable Business
- Philosophy of Science and Ethics

Application procedure

Application deadlines

Check the deadlines at wur.eu/apply

February	September
Biosystems Engineering Biotechnology Biology Environmental Sciences Forest & Nature Conservation	All programmes Online master's

Before application please check the admission requirements of the master's programmes at wur.eu/apply

Step 1: Application

Students who want to make an application at Wageningen University & Research need to apply via Studielink:

- submit a request for registration/admission via Studielink;
- upload all required documents in the application portal and submit your application.

For detailed information please visit our website:

wur.eu/apply

The following documents are required.

- **Bachelor's degree.** A Bachelor's degree (or equivalent) in Dutch or English (or a certified English translation). Students in the final year of their bachelor's programme may also apply for admission prior to graduation. The Academic Committee on Admissions can tentatively admit students based on a transcript of their academic records.
- **Transcript of your academic records.** An official transcript of records of your bachelor in Dutch or English with your name, logo and official stamp of your university. If not yet graduated, an official transcript of records with all courses and marks obtained so far.

- **Proof of English language proficiency.** Every student needs to prove their English language level by submitting a sufficient result of an English proficiency test as per our requirements, please check wur.eu/apply.

- **Curriculum Vitae**

Please note that you will only be able to submit your application if you have uploaded all required documents. Only complete applications submitted before the deadlines will be evaluated. Please check deadlines applicable on wur.eu/apply

Step 2: Result

Your application for admission will be evaluated by the Academic Committee on Admissions of Wageningen University & Research. The decision will be communicated through an official letter, sent by email. The Committee will also inform candidates if the application is not accepted. The letter of admission is required before you can apply for most fellowships.

Step 3: Payment

Non-EU students: an invoice will be sent to you or your sponsor. The invoice includes important information about the payment. The required amount should be paid into our bank account before the deadline as mentioned on the invoice. Do not make any payments before receiving the invoice.

EU-students: can complete the payment module in studielink as from May.

Step 4: Visa (non-EU/EFTA nationals only)

Nationals of Australia, Canada, Japan, Monaco, New-Zealand, South Korea, U.S.A or Vatican City need a residence permit to study in the Netherlands.

If you are a national of any other non-EU country you need both a MVV entry visa and a residence permit.

It is not possible to apply for a MVV entry visa and a residence permit yourself. International Office of Wageningen University & Research will start this procedure upon receipt of your payment.

Part of the Dutch immigration policy is that all international students who require a residence permit will be subject to a yearly study progress check. Students must obtain at least 50% of the credits per year (or part of a year). The immigration office will cancel the residence visa of students who do not meet these criteria.

Step 5: Housing and insurance

As a prospective student at Wageningen University & Research you can register and apply for rooms via room.nl. Idealis will contact you approximately two to three months before the start of your programme with more information about the application procedure for student housing and about the validity period of your distance priority.

Useful links

- Housing in Wageningen wur.eu/housing
- Information about the university, campus and the city wur.eu/whywageningen
- Annual Introduction Days aidwageningen.nl/en