

# Master's Programme Urban Environmental Management (MUE)



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12 December 2019

# Today's programme

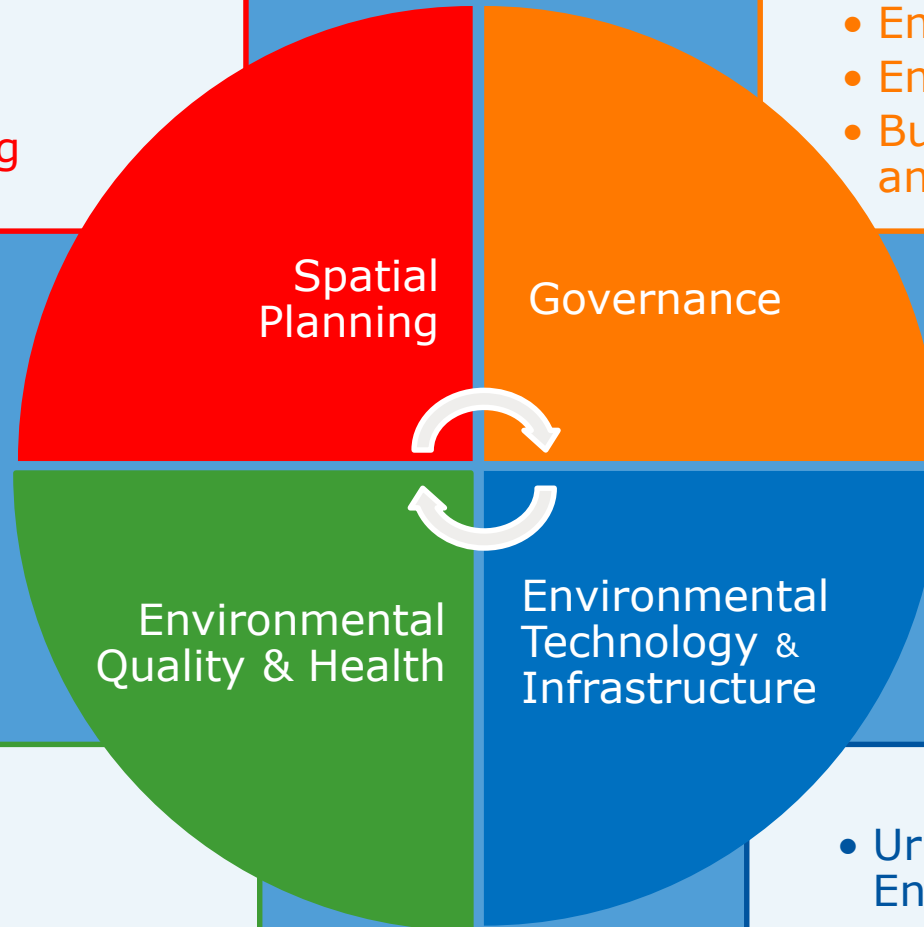
- Urban Environmental Management programme's content and structure
- Career Preparation
- Job opportunities
- Why Wageningen
- General admission requirements



# 4 Perspectives - 7 Thesis Tracks

- Geo-Information Science
- Land Use Planning

- Environmental Policy
- Environmental Economics
- Business Management and Organisation



- Environmental Systems Analysis

- Urban Systems Engineering



Thesis tracks

# Urban Systems Engineering | ETE

Environmental Technology Group

## Biorecovery

Our research focuses on *bio-based technologies for recovery of valuable components from residual streams in the form of fuels, electricity, sulphur, copper, and phosphate.*



## Reusable Water

Water shortage threatens billions of people. Reuse and protection of our water sources are essential. Our research focuses on *removal of nutrients, pathogens nutrients, pathogens from water.*



## Urban System Engineering

Scale and speed of urbanization leads to new challenges for our urban services. Closed resource cycles are necessary. We focus on *new sustainable biorecovery and cleaning concepts for management of urban and industrial water, sanitation, waste, nutrient and energy. Feedbacks from cities to agriculture are also studied.*



*Urban wastewater reuse for agricultural irrigation to adapt microclimate variability: The case of Addis Ababa | A. Asrat*



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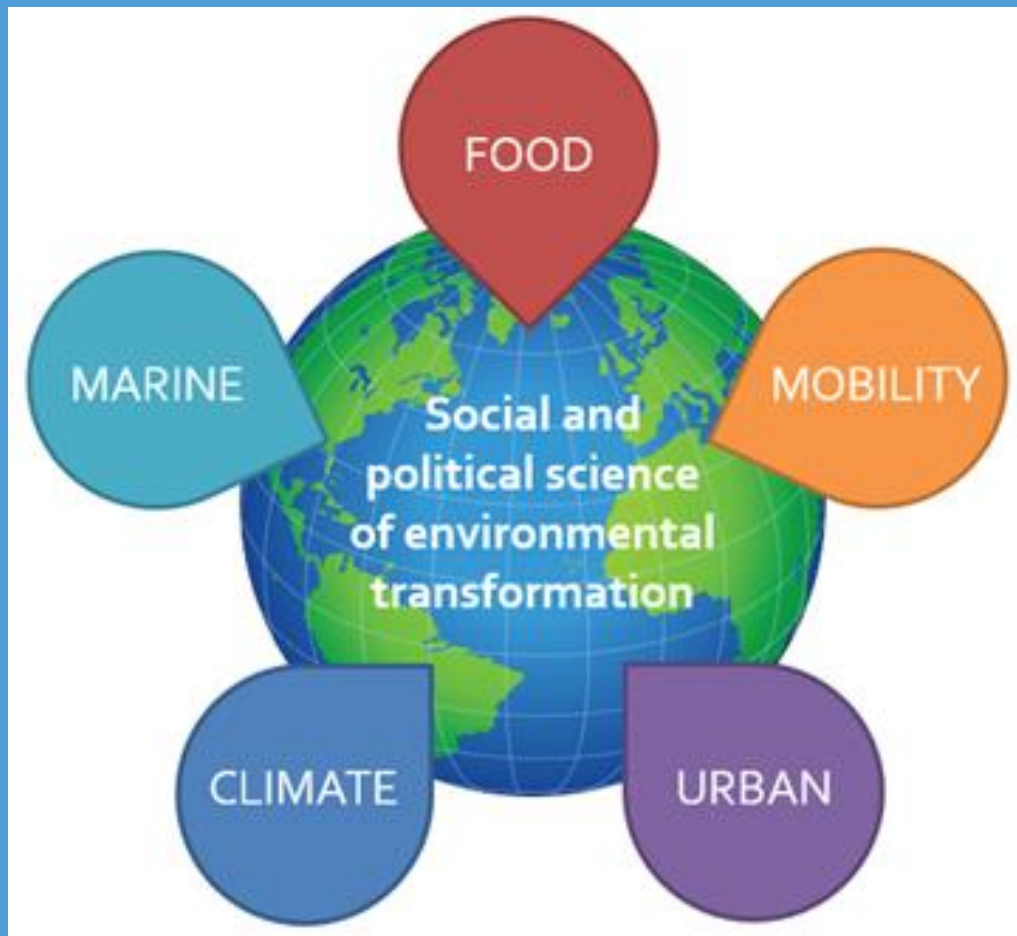


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Thesis tracks

# Environmental Policy | ENP

Environmental Policy Group



*City climate mitigation & diplomacy: a study of small- and medium-sized cities in Thailand | Blume, Lorenz | 2017*



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Thesis tracks

# Environmental Economics | ENR

Environmental Economics and Natural Resources Group



*Local production and waste management of sanitary napkins: an economic analysis for cases in India | D. de Vries*



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Thesis tracks

# Environmental Systems Analysis | ESA

Environmental Systems Analysis Group

## Themes

- Pollution and Nutrients
- Ecosystem Services and Biodiversity



*Urban Sustainability Indicators for Jakarta, Indonesia | Patria Dewie*



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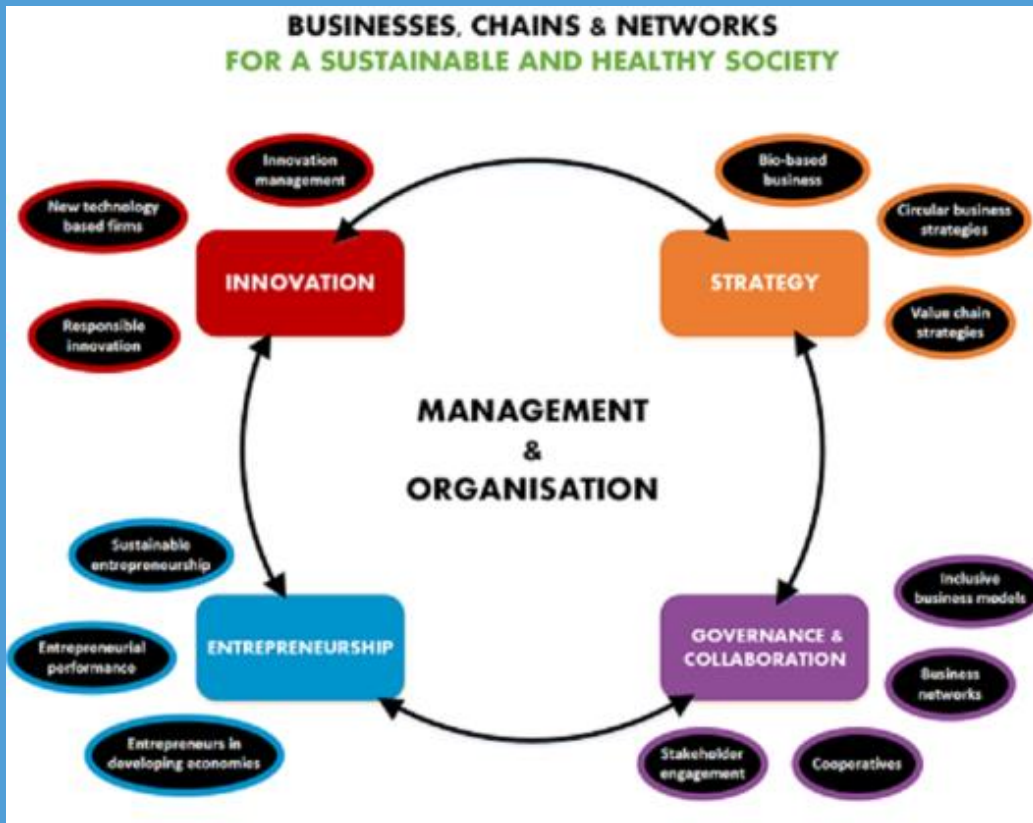


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Thesis tracks

# Business Management and Organisation | BMO

[Management Studies Group](#)



*Cradle-to-cradle Certification: a potential strategic tool to change business models | RE van Ravensberg | 2016*








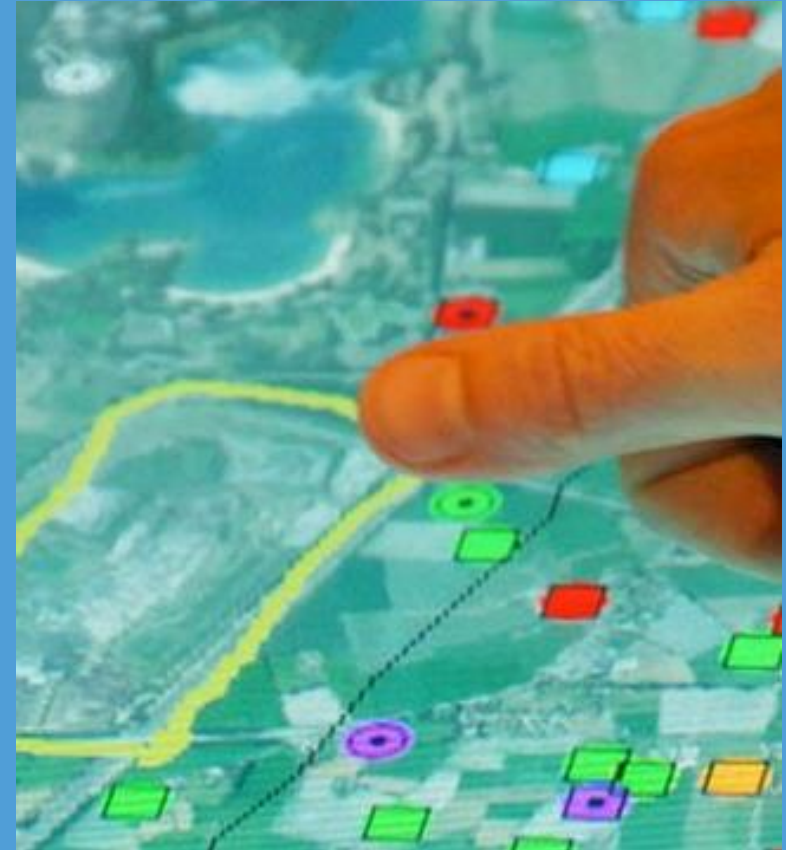
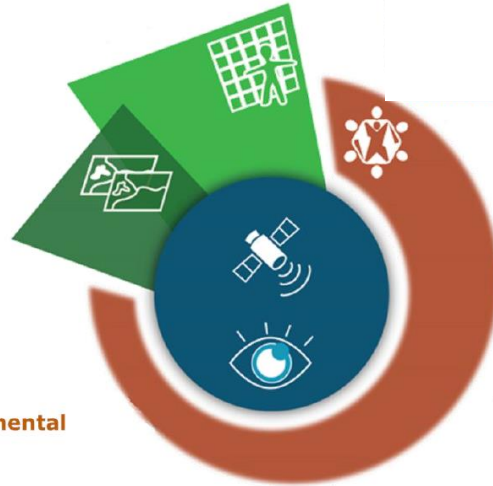
Thesis tracks

# Geo-Information Science | GRS

Laboratory of Geo-information Science and Remote Sensing

Research themes:

-  Sensing & measuring
-  Modelling & visualisation
-  Integrated land monitoring
-  Human-space interaction
-  Empowering agro-environmental communities



*Event recognition in public transport trajectories; a case study on Helsinki tram and bus movements | A. Bergsma*

Thesis tracks

# Land Use Planning | LUP

Land Use Planning Group

## Themes

- Ecological networks
- Governance
- Adaptation to climate change
- Technologically sustainable landscapes
- Sustainable food systems



*Assessing sustainability in urban redevelopment projects: The case of Addis Ababa – Ethiopia | W. Tessema*



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# Your Study Programme

- Compulsory courses
  - Preparatory training
  - General programme
  - Thesis track
- Restricted optional courses
- Free choice
- Your thesis, your internship
- Career oriented profiles
  - MSc Entrepreneurial track
  - Climate KIC (entrepreneurial)
  - Graduate Programmes

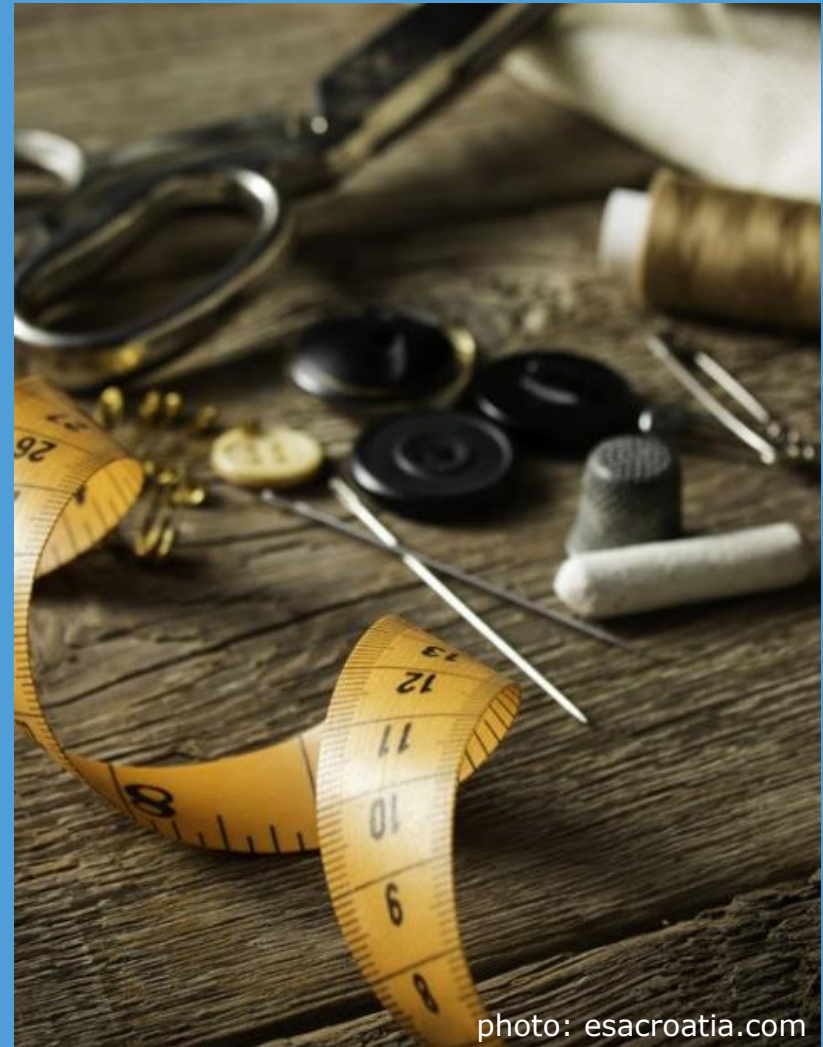


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# Your study programme

## Example 'Environmental Economics'

Compulsory, unless advised otherwise

Compulsory for thesis track

Urban courses  
Choose at least two

Free choice

### FIRST YEAR

	Period 1 Sep/Oct	Period 2 Nov/Dec	Period 3 Jan	Period 4 Feb	Period 5 Mar/Apr	Period 6 May/June
MO	Research Methods in Environmental Sciences	Environmental Economics for Environmental Sciences	Governance for Sustainable Cities	Theories and Models in Economics	Managing Urban Environmental Infrastructure	Academic Master Cluster (AMC)
AF	Principles of Urban Environmental Management	Planning for Urban Quality of Life			Advanced Environmental Economics and Policy	

### SECOND YEAR

Thesis Environmental Economics

Internship

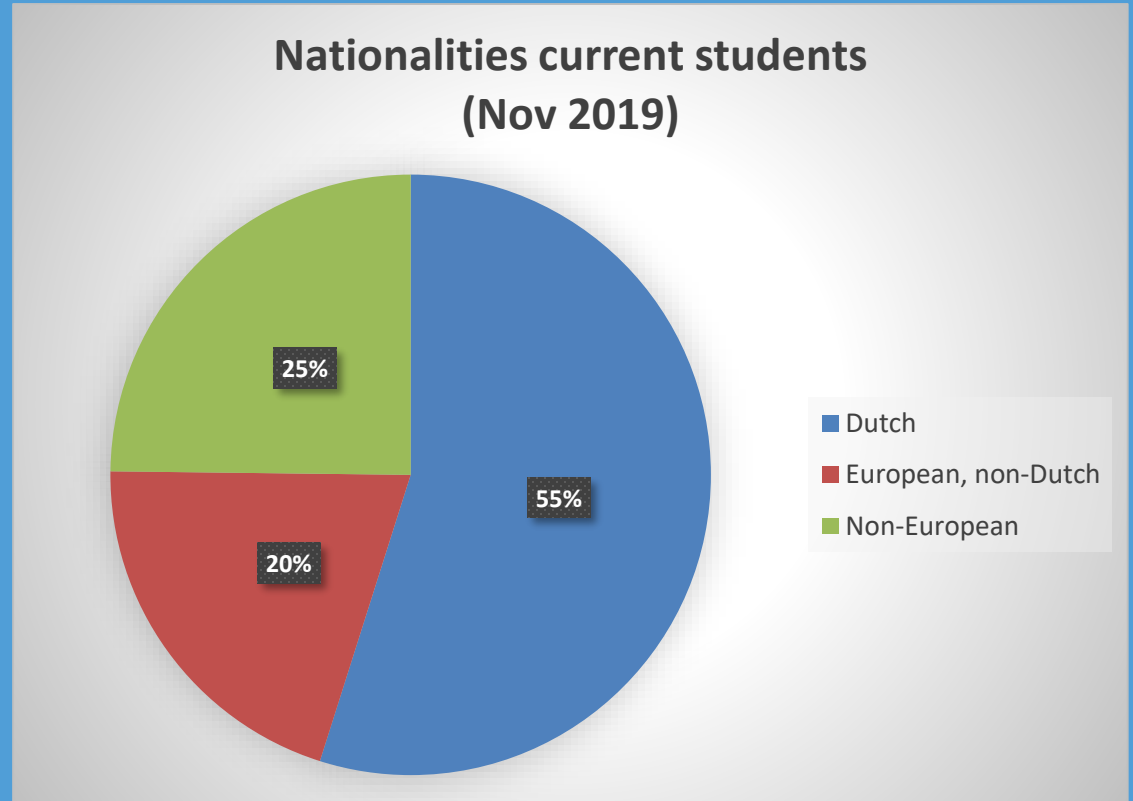
Your study programme

# International classroom

133 students (Nov '19)

22 nationalities

60 started in Sep '19



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Your study programme

# International classroom

## *Cooperative learning in an international classroom*

- Interdisciplinary
- (Intercultural) communication
  - Authenticity
  - Willingness to understand
  - Respect
- Mix teaching methodologies



Career

# Career preparation

- Profiles
- Skills training
- Academic Master Cluster
- Internship and thesis
- Career events
- Career service centre



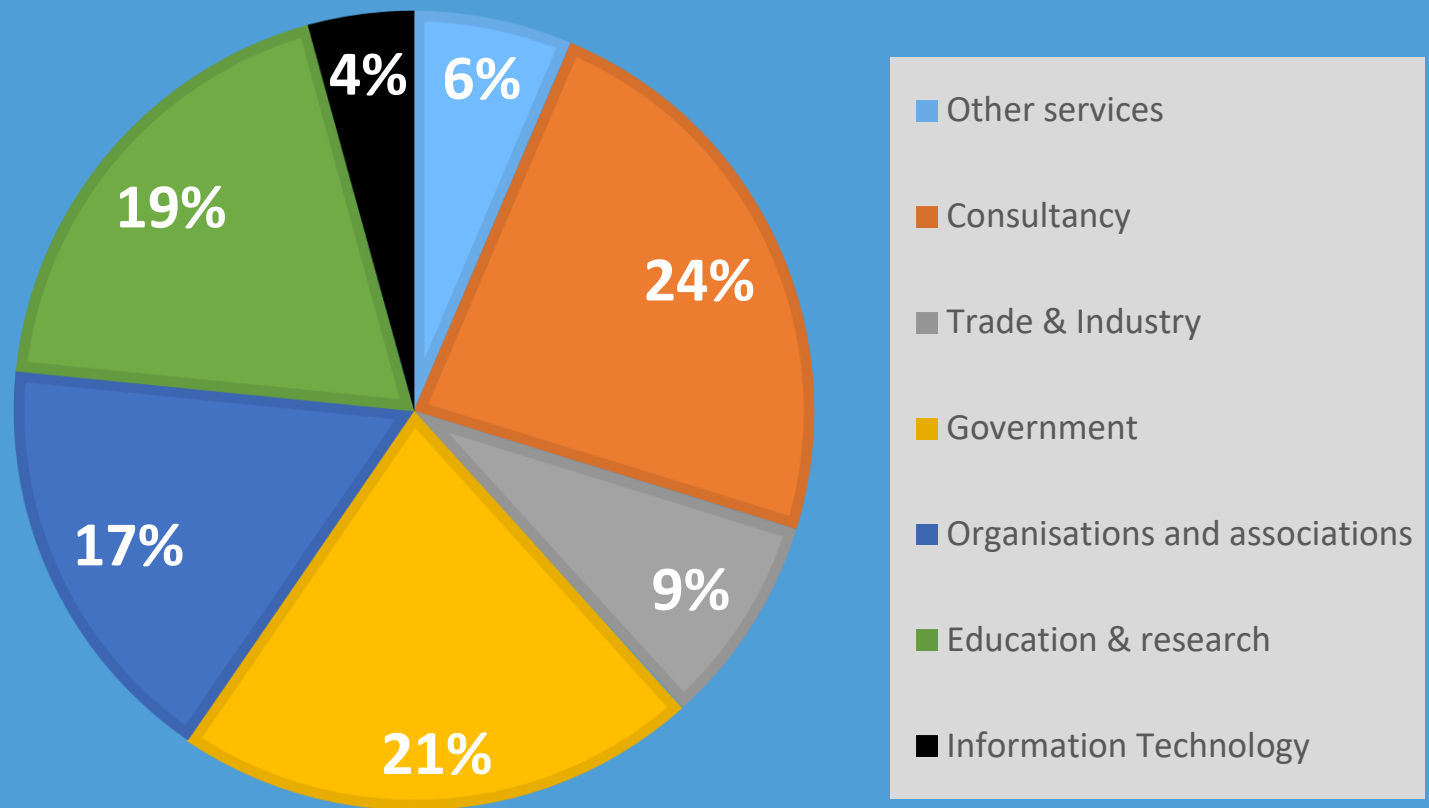
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# Employment and career development

EMPLOYMENT MARKET SECTOR BRANCHES MUE 2003-2016





# Why Wageningen?

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

- Different programmes and different perspectives
- Solution oriented
- Research institutes network
- International classroom
- Tailor your programme
- Specialist with broad view and cross-curricular skills



Admission to the programme

# General admission requirements

- Admission Board
- Complete in two years

Basic for all MSc of WU:

- BSc relevant field
- GPA at least 70% of scale maximum
- Fluency in English
- Good working knowledge on mathematics and statistics

Admission to the programme

# Specific requirements for MUE

- BSc Environmental Sciences
- BSc degrees
  - Environmental Sciences/Studies
  - Urban Studies
  - Geography
  - Management Studies
  - Economics
  - Environmental Engineering
  - Architecture
- Other BSc degree and relevant working experience



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Admission to the programme

# Application Deadlines

## For September 2020

- NL/EU/EFTA: 1 July 2020
- Non-EU/EFTA: 1 May 2020

STUDIELINK: request for enrolment



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# More information

- MUE Wageningen University <https://www.wur.nl/en/Education-Programmes/master/MSc-programmes/MSc-Urban-Environmental-Management.htm>
- Study handbook <https://ssc.wur.nl/Handbook/Programme/MUE>
- Student for a day: “contact a student” (MUE page)
- Study Association Aktief Slip <https://www.aktiefslip.nl/>

# Questions?



Thank you for your attention



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