

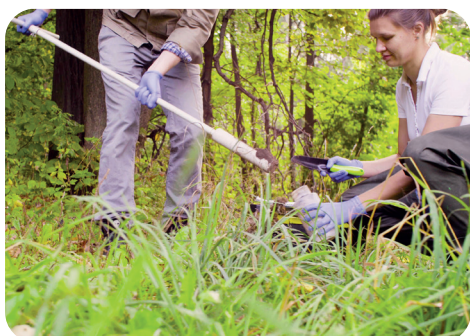
# Join the International Master of Science in Soils and Global Change (IMSOGLO)



Become  
a master  
of science  
while  
studying  
in Europe

## Because

- You want to know what it takes to save our **soils** from degradation, how to make soils resilient to **climate change** and how to make soils healthy again. In short: you want to be a future researcher or policy maker with **impact**.
- You're looking for a **unique educational experience**, in which you attend several higher education institutes and live in at least two countries.
- You want to join an **Erasmus Mundus program**, of which impact studies have proven the added value in terms of graduate employability, intercultural competence and foreign language skills.
- You want to attend **the only Master program in Europe on Soils and Global Change**, jointly organised by 4 leading universities: Ghent University, Aarhus University, the University of Göttingen and the University of Natural Resources and Life Sciences, Vienna.



## Become

- A **top-level researcher, academic or policymaker** trained in soil management under global change with either:
  - an agroecosystem focus or
  - an integrated land management focus.
- A **world citizen** with a large international network and knowledge about how to tackle world problems.

## Benefit

The International Master of Science in Soils and Global Change offers:

- A **top quality programme** based on ongoing research.
- A **tailor-made curriculum** with lots of elective courses.
- A **summer school** (Vienna) or **field work** (China) with input of renown scholars.
- A **wide range of teaching methods**, including field work, excursions, laboratory work, exercise sessions, computer workshops, group discussions, microteaching, scientific communication and classroom lectures.

## Be on the move

### Semester 1 (Sept - Jan)

Joint primer event  
Soil fundamentals (Ghent):  
pedology, soil chemistry, soil physics,  
land information systems, soil genesis  
and applied statistics

### Semester 2 (Feb - Jul)

Soil biogeochemistry  
& global change

#### Vienna

ecosystem dynamics,  
soil protection,  
sustainable land use,  
globalization & rural  
development, soil  
problems in (semi-)  
aridic regions

### Semester 2 (Feb - Jul)

Physical land  
Resources  
& global change

#### Ghent

climate change, soil  
water management,  
soil degradation,  
land evaluation

### Summer school (Vienna) or field work (China)

### Semester 3 (Sept - Jan)

#### Göttingen

landscape ecology  
and development,  
tropical plant  
production, plant  
nutrition in (sub-)  
tropics, soil  
biogeochemistry

### Semester 3 (Sept - Jan)

#### Aarhus

Assessing soil  
erosion risk,  
global soil threats  
and ecosystem  
services, carbon  
cycling and climate  
change

### Semester 4 (Feb - Jul)

Thesis  
Vienna or Göttingen

### Semester 4 (Feb - Jul)

Thesis  
Ghent or Aarhus





## Be informed

Before the start of the academic year, the Ghent University faculty of Bioscience Engineering organizes a preparatory programme to refresh your general knowledge of mathematics, chemistry, statistics and laboratory experience: BEPreP. It is also a perfect moment to get acquainted with your fellow students and the environment and to finish administrative issues. At the start of any other semester in Vienna, Aarhus or Göttingen, you can join introduction events there as well.



## Partners

- The EU Joint Research Center (Italy) and the Institute of Soil Science of the Chinese Academy of Sciences teach and co-organize parts of the curriculum.
- PhD students and alumni are involved as guest lecturers and contribute to practical work, excursions and master dissertations as co-supervisor or tutor.
- A dense worldwide network of collaborating universities provide material and cases for the courses in IMSOGL0.



## Admission requirements

- An academic Bachelor degree (minimum 180 ECTS credits) in pure or applied sciences (e.g., chemistry, biology, geology, civil or agricultural engineering, environmental or agricultural sciences, etc.) or an equivalent level from a recognised university or Engineering College.
- Sufficient academic knowledge (at least 40 ECTS) in natural sciences, where Natural Sciences are specified as: physics, chemistry, maths, ecology, biology, geography, environmental sciences and agricultural sciences.
- Proficiency in English: TOEFL IBT 90, Academic IELTS 6,5 overall score with a min. of 6 for writing, ESOL Cambridge English CAE (Advanced). Applicants who obtained a previous degree in certain countries are exempted to provide one of the English language test certificates mentioned above (see <https://imsoglo.eu/admission-criteria/>).



## Cost

- Tuition fee: € 4500 per year (for students from EU countries + the Republic of North Macedonia, Serbia, Iceland, Liechtenstein, Norway and Turkey) or € 9000 per year (for students from other nationalities)
- Estimated living & accommodation expenses: min € 850 per month

## Scholarship opportunities

- Visit [imsoglo.eu/costsandships](https://imsoglo.eu/costsandships) or [itc.ugent.be](https://itc.ugent.be).
- Check for opportunities in your own country.

## Apply now!

Apply before **March 1st** (for non-European applicants and scholarship seeking applicants: European or other) or before **June 1st** (for non scholarship seeking European applicants).

Questions?  
[applications.itc@ugent.be](mailto:applications.itc@ugent.be)



Please take into account that the processing time of your application could take up to 2 months. An early start is highly recommended.

V.U.: Ghent University, Faculty of Bioscience Engineering,  
Coupure links 653, B-9000 Ghent

**More info**  
[imsoglo.eu](https://imsoglo.eu)  
[itc.ugent.be](https://itc.ugent.be)

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