

Join the Master in Environmental Science and Technology

BEcause

- ⌘ You are passionate to learn what it takes to **create a healthier living environment** for all, whilst avoiding pollution, preserving our ecosystems, and sustainably using and recovering resources.
- ⌘ A new generation of professionals is needed to provide creative, sustainable and **workable solutions for increasingly complex environmental problems**.
- ⌘ You want to learn how to tackle environmental issues from local to global scale, both in **developed and developing economies**, from oceans to megacities, duly accounting for the driving forces of global **climate change**.
- ⌘ After a broad education in Environmental Science and Technology the first year, the programme allows you to **specialize** for a full year (including master dissertation research) in one of **five internationally hot environmental themes** (majors), all of which are supported by **top-level UGent research**.



BEcome

The Master of Science in Environmental Science and Technology will prepare you to become:

- ⌘ a **top-level researcher, professional, entrepreneur or policymaker** trained broadly in all aspects of environmental science and technology.
- ⌘ a **creative and impactful problem-solver** in one of five emerging and globally pressing environmental topics, with an increasing demand for highly educated professionals: chemicals management, resource recovery, urban engineering, developing economies or marine systems.
- ⌘ a **world citizen** with a large international network and the knowledge and skills to **tackle wicked problems**.

BEnefit

The Master in Environmental Science and Technology offers you:

- ⌘ a **multidisciplinary** and integrated approach to deal with environmental issues.
- ⌘ a foundation of more than **40 years of experience** in environmental education and research.
- ⌘ the opportunity to study at a **top ten ranked faculty in Europe** (based on Shanghai Academic Ranking of World Universities, National Taiwan University Ranking, Times Higher Education World Universities Ranking & QS World University Ranking).



BE involved

Semester 1 & 2 (Sept - June)

Comprehensive basis (60 ECTS)

- ⌘ Environmental sustainability and policy
- ⌘ Environmental diagnostics
- ⌘ Environmental technology
- ⌘ Applied ecology
- ⌘ Environmental research skills

Semester 3 & 4 (Sept - June)

Specialisation (60 ECTS)

⌘ Majors (24 ECTS)

1. Environmental assessment and management of chemicals
2. Resource recovery technology
3. Environmental health and technology for developing economies
4. Urban environmental management
5. Environmental health and technology for marine systems

⌘ Elective courses (6 ECTS)

1. Course(s) from other major
2. Internship
3. Ghent University elective courses in English

⌘ Master dissertation (30 ECTS)



Admission criteria

For students holding a Non-Belgian diploma

The programme is open to holders of an academic Bachelor degree (minimum 3 years or 180 ECTS credits) in the field of engineering or sciences (physics, chemistry, biology, ecology, geology, biochemistry, biotechnology, microbiology, earth science, environmental science) or an equivalent level from a recognized university or engineering college.

Sufficient academic knowledge is required in:

- ⌘ Mathematics + physics + statistics = 20 ECTS
- ⌘ Chemistry = 10 ECTS

For students from Campus Incheon

- ⌘ Bachelor of science in Environmental Technology
- ⌘ Bachelor of science in Food Technology
- ⌘ Bachelor of science in Molecular Biotechnology



Language requirements

Nationals of Australia, Botswana, Canada, Eritrea, Gambia, Ghana, Guyana, India, Ireland, Kenya, Liberia, Malawi, Namibia, New Zealand, Nigeria, Philippines, Sierra Leone, South Africa, Sri Lanka, Trinidad and Tobago, Uganda, UK, USA, Zambia, and Zimbabwe, need to send proof of at least one year - 60 ECTS (finished successfully) - of comprehensive English-based instruction at a Higher Education Institution (mode of instruction).

Candidates from any other nationality need to present test results of one of the following tests (validity of 5 years; TOEFL/IELTS predictive tests and TOEIC will not be accepted):

- ⌘ TOEFL IBT 86
- ⌘ TOEFL PBT 570
- ⌘ ACADEMIC IELTS 6,5 overall score with a min. of 6 for writing
- ⌘ CEFR B2

Cost

- ⌘ Tuition fee: fees are subject to annual revision. Please consult www.ugent.be/tuitionfee
- ⌘ Estimated living & accommodation expenses: min € 850 per month

Scholarship opportunities

Visit www.itc.ugent.be or check for opportunities in your own country.

Apply now!

Apply **before April 1st**
(for applicants who need a visa)
or **before June 1st** (for applicants
who don't need a visa).

Questions?
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, 9000 Ghent

Contact & info
www.itc.ugent.be
Coupure Links 653, 9000 Ghent

Follow us on
 www.facebook.com/itcugent
 www.instagram.com/itcbioscienceugent
 www.linkedin.com/in/itcugent

"I chose this programme because it offers a general environment formation in the first year, which facilitates the selection of a major in the second year. Besides, the field trips and case studies during the whole master reinforce the theory. The possibility of doing an internship and gaining experience as part of the study program was also a key for choosing this master."

Ana Paulina López Gordillo, Mexico
graduated in 2016