



GHENT UNIVERSITY
GLOBAL CAMPUS

GHENT UNIVERSITY GLOBAL CAMPUS


'Ghent University... in South-Korea'

IROICA – Country Focus
Thu 9th of December, 2021



Stephen Depuydt – GUGC director of education

Stephen.Depuydt@Ghent.ac.kr

 @Stephen.Depuydt




GHENT UNIVERSITY
GLOBAL CAMPUS

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GHENT UNIVERSITY GLOBAL CAMPUS (GUGC)




GHENT UNIVERSITY
GLOBAL CAMPUS

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IGC - INCHEON GLOBAL CAMPUS

Ambition:

- by 2025: 10.000 students (10 universities/research institutes)
- Educational Hub in North-East Asia, to globalize and innovate education




Korea










GUGC

Established	September 1, 2014
3 programmes – 240 ECTS	Life Science Technology
Language	English
Faculty	15 Full-time professors, 35 PhD students and postdocs; >20 Visiting Faculty
Focus	STEM research & education

GOVERNANCE

At GUGC (KR):

- Campus President: Prof. Han
- Chief Administrator: Dr. Kim
- (Administrative) Divisions:
 - Academic Affairs (Prof. Depuydt)
 - Student Affairs (Minjoong Lee)
 - Finance and HR (Myungsik Lee)
 - General Affairs (Myungsik Lee)
 - External Affairs (Dongyul Han)
 - Admission and Recruitment (Yongchul Cho)
- Advisory Committee



At Ghent University (BE)

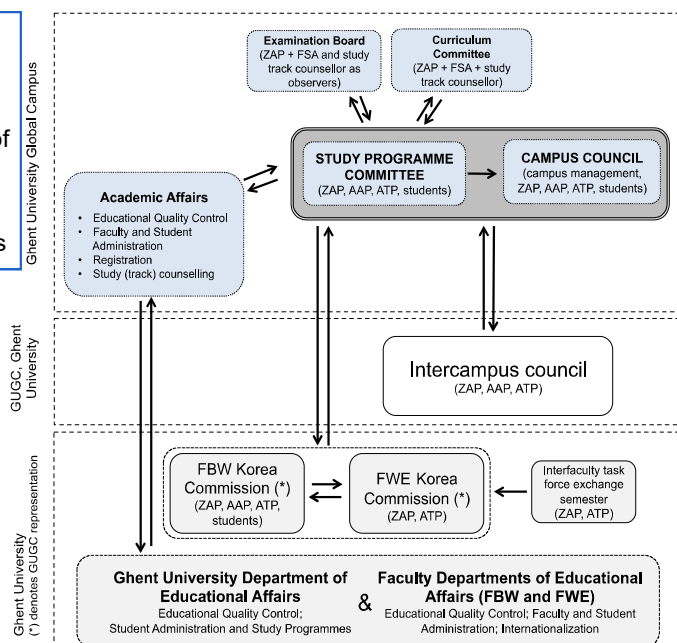
- Director of Internationalisation: Prof. Van Huylenbroeck (weekly management + chair of intercampus council)
- Active involvement of Vice-Rector Prof. Van Herreweghe (weekly management)
- Board of Directors (chaired by rector Ghent University)

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LINKS WITH HOME CAMPUS

Examination board:

- Deliberation (BA1/BA4)
- Graduation + grade of merit
- Fraud cases + disciplinary measures



Curriculum committee:

- Exemptions
- Individual curricula (in case of difficulties)
- 'Ghent Semester' decision

SPC

- Study programme: concepts + operational
- Lecturers
- Quality control
- Competences, learning continuity pathways, assessment policy, etc.



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2. EDUCATION @GUGC

BACHELOR OF SCIENCE IN...

ENVIRONMENTAL TECHNOLOGY (환경공학)

Water, Air, and Soil



Environmental Science



Environmental Engineering



Pollution, Remediation and
Technology



... IS FINDING WAYS TO
PURIFY POLLUTION ...



FOOD TECHNOLOGY (식품공학)

Food (Physico-)Chemistry



Food Science



Food Engineering



Food Safety and Quality
Assurance



IS DEVELOPING 'SMART'
PACKAGING ...



MOLECULAR BIOTECHNOLOGY (생명공학)

Living Organisms



Green/Red/White
Biotechnology



Bio Engineering



Gene Technology



... IS CREATING MEDICINES TO ...



AIM OF THE BACHELOR'S PROGRAMMES

Educate and train **life science technologists** of high potential



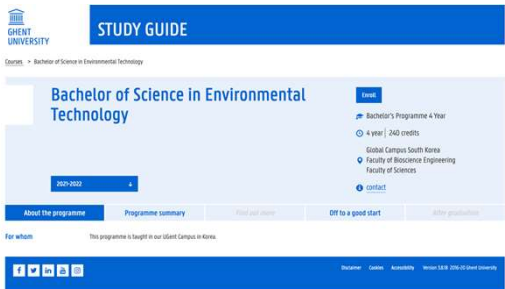
- Prepare students for **furthering their studies**
- Prepare students for **entering (international) labor markets**

GUGC: PHILOSOPHY OF EDUCATION

- **Competence-based**
 - Special attention to:
 - Employability
 - Valorisation and industrial relevance
 - Social and economic aspects
 - Collaboration
 - Scientific communication and reporting
- **Research-based** (hands-on experience in wet and dry-lab settings throughout the programme)
 - Problem-solving mind-set + practical skill development
- Common themes in separate course (units): **learning continuity pathways**
- **Interdisciplinarity** and **multiperspectivism**
- Emphasis on **Active Learning** techniques

STUDY PROGRAMS: COMPLETE OVERVIEW

- <https://studiekiezer.ugent.be/bachelor-of-science-in-environmental-technology-en/programma/2021>
- <https://studiekiezer.ugent.be/bachelor-of-science-in-food-technology-en/programma/2021>
- <https://studiekiezer.ugent.be/bachelor-of-science-in-molecular-biotechnology-en/programma/2021>

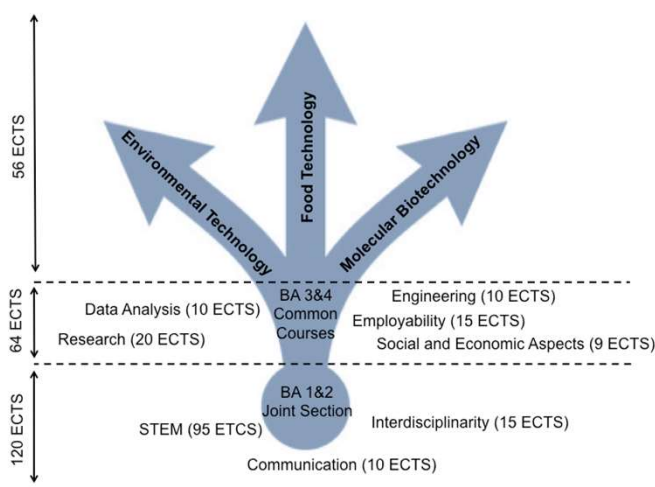


Full programme

General Courses

Course	Ref	MTI	Semester	Language	Instructor	Cred
English for Academic Studies 1		1	sem 1	en	Jonathan Overton	5
General Biology		1	sem 1	en	Hoo Sun Chung	5
Inorganic Chemistry 1: Structure of Matter		1	sem 1	en	Francis Verpoort	5
English for Academic Studies 2		1	sem 2	en	Michael Dunne	5
Inorganic Chemistry 2: Reactivity of Matter		1	sem 2	en	Francis Verpoort	5
Introduction to Biochemistry: Biomolecules		1	sem 2	en	Sam Van Haute	5
Mathematics 1: Engineering Mathematics		1	year	en	Shouhan Rao	10
Physics 1 and 2: Mechanics, Vibration, Waves and Thermodynamics		1	year	en		10
Informatics		1	year	en	Wesley De Neve	10
Organic Chemistry 1: Structure and Reactivity		2	sem 1	en		5
Chemical Analytical Methods		2	sem 1	en	Tanja Cirkovic Velickovic	4
Plant Biology		2	sem 1	en	Stephen Deguyt	3
Animal Biology		2	sem 1	en	Magdalena Radwanika	3
Biochemistry: Metabolism		2	sem 1	en	Stefan Magitz	4
Mathematics 2: Multivariable Calculus and Geometry		2	sem 1	en	Shouhan Rao	5
Physics 3: Electricity and Magnetism		2	sem 1	en	Serge Zhurkov	5
Microbiology		2	sem 2	en	Magdalena Radwanika	4
Organic Chemistry 2: Advanced Reactivity		2	sem 2	en		5
Physics 4: Optics and Physical and Chemical Thermodynamics		2	sem 2	en	Serge Zhurkov	5
Mathematics 3: Differential Equations		2	sem 2	en	Shouhan Rao	5
Environmental Chemistry and Technology: Concepts and Methods		2	sem 2	en	Philippe Heynderickx	4
Modern Aspects of Food		2	sem 2	en	Sam Van Haute	4
Molecular Biology: Concepts and Methods		2	sem 2	en	Magdalena Radwanika	4

STRUCTURE OF THE PROGRAMME



240 credits (ECTS)

- **4 years**, English taught
- **Joint Section** in BA year 1 and 2 (**STEM**) (120 ECTS)
- BA Year 3 and 4:
 - common courses
 - programme-specific courses
- Major-specific Learning Continuity pathways
- 1 semester at home university (i.e., Ghent University, Ghent, BE) (BA4) for all students

STUDENT BODY – ENROLMENT NUMBERS

(from 53 in Sep 2014) to

400

KEEP CALM AND ENROL NOW!

(dd. Nov 2021)

NUMBER OF GRADUATES

64 BSc students





3. RESEARCH @GUGC

 GHENT UNIVERSITY
GLOBAL CAMPUS

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RESEARCH (CENTERS) AT GUGC

RC1 - Plant Biotechnology Research Center



Prof. dr. Chung



Prof. dr. ir. Depuydt
(director of education)



Prof. dr. Van Haute



Prof. dr. Cirkovic-Velickovic

RC2 - Centre for Food Chemistry and Technology

RCS - Center for Environment and Energy Research



Prof. dr. ir. Heynderickx



Prof. dr. Verpoort



Prof. dr. Di Wu



Prof. dr. Zhuiykov

RC4 - Center for Biosystems and Biotech Data Science



Prof. dr. Rao



Prof. dr. De Neve



Prof. dr. Vankerschaver

RCS - Biomedical Research Centre



Prof. dr. ir. Magez



Prof. dr. Radwanska

LLC - Centre for Language and Learning



Prof. Dunne



Prof. Ozeltan



4. FUTURE

PERSPECTIVES

– Graduate school (discussions ongoing):



Key principles

- 90 credits MSc programme in **Applied Biotechnology**
- **Research oriented**
- GUGC and Ghent University modules
- Interdisciplinary program
 - Minor: Research
 - Minor: Business development
- Continuation via PhD programme

Branding, embedding and building reputation
in local and international settings

→ firmly establish GUGC in the wider
Northeast Asian region

PERSPECTIVES

- Student Exchange
 - With Ghent University
 - With Ghent University partners
 - With Korean Institutes
 - With: you? Contact: Stephen.Depuydt@ghent.ac.kr
- Internationalization of student body

ACCREDITATION / VISITATION CONCLUSION



“We were quite impressed with what we saw. We compliment you for achieving this, especially since we know that in the beginning there were many problems. We have good reasons to be hopeful for the future. You are on the right path!”

(vistation commision, 7th of Nov 2019)

QUESTIONS?



Academic Affairs Team, 2021-2022



More info?

Academicaffairs@ghent.ac.kr

Stephen.Depuydt@ghent.ac.kr
[@Stephen.Depuydt](https://www.instagram.com/Stephen.Depuydt)