GHENT UNIVERSITY, UGENT

Ghent University is a prestigious European university, with a 200-year history spanning back to its foundation in Ghent, Belgium, in 1817. It is the top national university of Belgium, with 11 faculties, 86 departments and approximately 44,000 students. Ghent University boasts world-class research capabilities and publications, and has multiple Nobel Prize winners among its alumni. It is a prestigious university with an unrivaled position, especially in the bioscience sector. Ghent University’s status is also confirmed in various world university rankings.

WORLD UNIVERSITY RANKINGS

- **Global University Ranking 2017**
  - 61st
  - 5th in food science technologies, 20th in bioengineering

- **Global University Ranking 2018**
  - 61st
  - 12th in bio sciences

- **Global University Ranking 2018**
  - 88th
  - 5th in animal and plants, 70th in environmental sciences
GHENT UNIVERSITY GLOBAL CAMPUS, GUGC

Ghent University was invited to join the Global Campus through a project seeking to recruit outstanding overseas universities run jointly by the Ministry of Trade Industry and Energy, the Ministry of Education, and Incheon Free Economic Zone. The Ghent University “extended campus” opened in Songdo, Incheon, in September 2014, with three bioengineering departments, offering the same curricula and faculty as its home campus in Belgium.

GUGC BACHELOR PROGRAMS

Molecular Biotechnology
Environmental Technology
Food Technology

All courses at Ghent University Global Campus (GUGC) are designed with the goal of offering a European bachelor’s degree identical to that of the main campus, providing Korean students who wish to study abroad with the opportunity to develop a strong global foundation right here in Korea. Now in its fifth year, GUGC started with 52 students but has grown rapidly up to 521 students. GUGC is also seeking to attract students from other parts of Asia such as China and Vietnam, while additionally creating student exchange programs with its home campus in Belgium, together with other prominent universities around the world, in a continued effort to become a truly global campus.

GUGC STRENGTHS

Extended campus of one of Belgium’s major national universities
Only course in Korea offering a European bachelor’s degree in bioengineering
Same curricula and faculty as the main campus
100% of classes are conducted in English and over 50% of the curriculum is research and experimentation
First semester of the senior year spent at the main campus in Belgium; preferential treatment when applying for master’s degree programs at the main university
GUGC BACHELOR PROGRAMS

GUGC operates three biotechnology bachelor programs for undergraduates. The GUGC bachelor programs aim to prepare students for various roles in the field of applied biotechnology upon graduation.

In the first two years of the program, students take common foundational courses in biology, chemistry, physics, mathematics, informatics, and academic English, followed by general courses relating to biotechnology, even after they declare their major in the third year.

<table>
<thead>
<tr>
<th>General Courses for BA1 &amp; BA2</th>
<th>General Courses for BA3 &amp; BA4</th>
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</thead>
<tbody>
<tr>
<td>Mathematics 1, 2, 3</td>
<td>Probability and Statistics</td>
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<tr>
<td>Informatics</td>
<td>Company Visits and Scientific Seminars</td>
</tr>
<tr>
<td>Physics 1, 2, 3, 4</td>
<td>Process Engineering</td>
</tr>
<tr>
<td>General Biology</td>
<td>Process Modelling and Control</td>
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<tr>
<td>Inorganic Chemistry 1, 2</td>
<td>Economics and Marketing</td>
</tr>
<tr>
<td>English for Academic Studies 1, 2</td>
<td>Case Studies and Company Visits</td>
</tr>
<tr>
<td>Organic Chemistry 1, 2</td>
<td>Research Methodology and Project</td>
</tr>
<tr>
<td>Microbiology</td>
<td>Project Management, Entrepreneurship and Intellectual Property</td>
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<tr>
<td>Plant Biology</td>
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<td>Animal Biology</td>
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<tr>
<td>Chemical Analytical Methods</td>
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<tr>
<td>Biochemistry</td>
<td></td>
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<tr>
<td>Major Teaser Course (MBT/ET/FT)</td>
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</tbody>
</table>

**FACULTY FOR GENERAL COURSES**

Prof. dr. Rao
Prof. dr. De Neve
Prof. dr. Van Messem
Prof. dr. Kumar
Prof. Dunne
Prof. Ozetton
Starting from the third grade, students will increase their academic specialisation and expertise through advanced major-specific courses, alongside common biotechnology courses.

In the fourth and final grade, students will complete a bioengineering convergence course that also covers business and economics at UGent, then deliver a bachelor’s thesis before graduation.

### Molecular Biotechnology Courses
- Molecular Biology
- Immunology
- Bioinformatics
- Molecular Genetics
- Plant Physiology
- Analytical Biochemistry
- Biomedical Physiology
- Gene Technology
- Bioethics
- Plant Biotechnology
- Medical Biotechnology

### Environmental Technology Courses
- Process Technology
- Green Chemistry and Technology
- Exhaust Gas Treatment
- Environmental Soil Science
- Water Treatment
- Aquatic Ecology
- Ecological Risk Assessment
- Soil Remediation
- Clean Technology
- Environmental Constructions
- Renewable Resource Technology
- Environmental Law and Management

### Food Technology Courses
- Process Technology
- Food Chemistry
- Food Technology
- Food Microbiology and Preservation
- Technology of Non-Animal Products
- Human Nutrition
- Food Safety and Risk Analysis
- Food Marketing and Consumer Behaviour
- Technology of Animal Products
- Food Legislation
- Quality Management Systems in Agro-food Chain

FACULTY FOR MOLECULAR BIOTECHNOLOGY
- Prof. dr. ir. Depuydt
- Prof. dr. ir. Magez
- Prof. dr. Radwanska

FACULTY FOR ENVIRONMENTAL TECHNOLOGY
- Prof. dr. Zhuiykov
- Prof. dr. Heynderickx
- Prof. dr. Verpoort

FACULTY FOR FOOD TECHNOLOGY
- Prof. dr. Cirkovic Velickovic
- Prof. dr. Van Haute

※ Further information about the programmes → ugent.be/en/education/coursecatalogue

※ 24 UGent flying faculty and 26 teaching assistants as of March 2019
STUDENT SERVICES AND FACILITIES

GUGC STUDENT SUPPORT SERVICES

GUGC offers various student services related to academic studies, campus life and administration to provide the best academic and living environment for students to successfully achieve their goals. The GUGC Career Center offers professional career services and provides opportunities for all students to actively explore future career paths and gain experience of different jobs.

Academic Affairs
- Operates pre-college program
- Offers consulting on academic affairs program and college life
- Provides academic guidance and tutoring program
- Manages ombudsperson system to help solve any difficulties experienced by students

Student Services
- Provides academic administrative support for issues such as tuition payment, application for scholarships, administrative work, and so on
- Supports student activities such as student council and club activities
- Offers living support in areas such as student dormitories, intramural events, scholarship programs, and more

Career Center
- Runs work competency development program (as of September 2018)
  - Work competency development education: 6 times, 189 students participating
  - Social activity participation program: 11 times, 36 students participating
  - Resume and application support service
  - Personal career consulting
- Offers internship opportunities both inside and outside of the school, with a total of 46 students since 2018

INCHEON GLOBAL CAMPUS, IGC

All current Ghent University students have access to the various advanced convenient living facilities within the Incheon Global Campus, in addition to GUGC’s own facilities optimized for research and experimentation. Students can also freely interact and socialise with students of the other international universities on the campus (New York State University, University of Utah, George Mason University) through campus events hosted by the IGC and IGC-affiliated clubs.
ADMISSIONS FOR 2020-2021

ADMISSION NUMBERS

225 Students - combined total for March and September semesters

ADMISSION TYPES AND REQUIREMENTS

<table>
<thead>
<tr>
<th></th>
<th>General Admission</th>
<th>Headmaster’s Recommendation Programme</th>
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</thead>
<tbody>
<tr>
<td>Qualification</td>
<td>High school student or graduate or Korean GED completion</td>
<td>High school student or graduate</td>
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<tr>
<td>Documents for Submission</td>
<td>ID picture (35% X 5cm, JPEG), Copy of passport (PDF format)</td>
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<tr>
<td>Requirements</td>
<td>Certificate of Secondary Education</td>
<td>High School Diploma</td>
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<td></td>
<td>Transcript of Secondary Education</td>
<td>Transcript of Record</td>
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<td></td>
<td>GUGC Online Aptitude Test Score</td>
<td>High School Headmaster’s Recommendation Letter</td>
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<tr>
<td></td>
<td>English Proficiency Certificate</td>
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<td></td>
<td>TOEFL IBT 72 / IELTS 6.0 / IB 5 / SAT 21 / Su-neung test English rank 1 or 2</td>
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</tr>
<tr>
<td>Optional Documents</td>
<td>Student record / Su-neung test transcript / Motivation letter / Recommendation letter</td>
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</tbody>
</table>

APPLICATION PROCEDURE

Online application only - ghent.ac.kr/~applynow

TUITION FEE

The tuition fee consists of an enrolment fee and an amount per credit

Enrolment Fee: KRW 2,000,000, annual base, non-refundable
Amount per Credit: KRW 300,000 per credit, for 60 credits KRW 18,000,000
Housing Cost (optional): KRW 1,500,000 (Single Room) / KRW 950,000 (Double Room), approximate costs per semester

SCHOLARSHIP

Chem²ath Contest Prize Scholarship: Provided to GUGC Chem²ath Contest winners
Academic Merit Based Scholarship: Awarded to selected GUGC students demonstrating academic excellence
Bursary: Provided to selected students facing financial difficulty

CONTACT

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