



# THIS IS GHENT UNIVERSITY

Top 100  
university

Since  
1817



DARE TO  
THINK

# GHENT UNIVERSITY

- Top 100 university
- Since 1817
- 11 faculties



## BELGIUM



## SOUTH KOREA

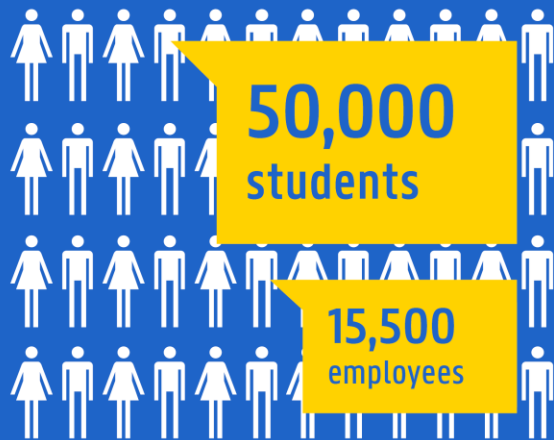


GHENT UNIVERSITY  
GLOBAL CAMPUS

The 1<sup>st</sup> European university  
in South Korea.



**+200** programmes



**69** English-taught  
master's  
programmes



**2,330**  
Ghent University  
students abroad



**7,400**  
International students  
at Ghent University



## DARE TO THINK

Our credo: critical and  
independent minds.



## PLURALISM & PARTICIPATION

Open to everyone  
irrespective of ideological,  
political, cultural or  
social background.

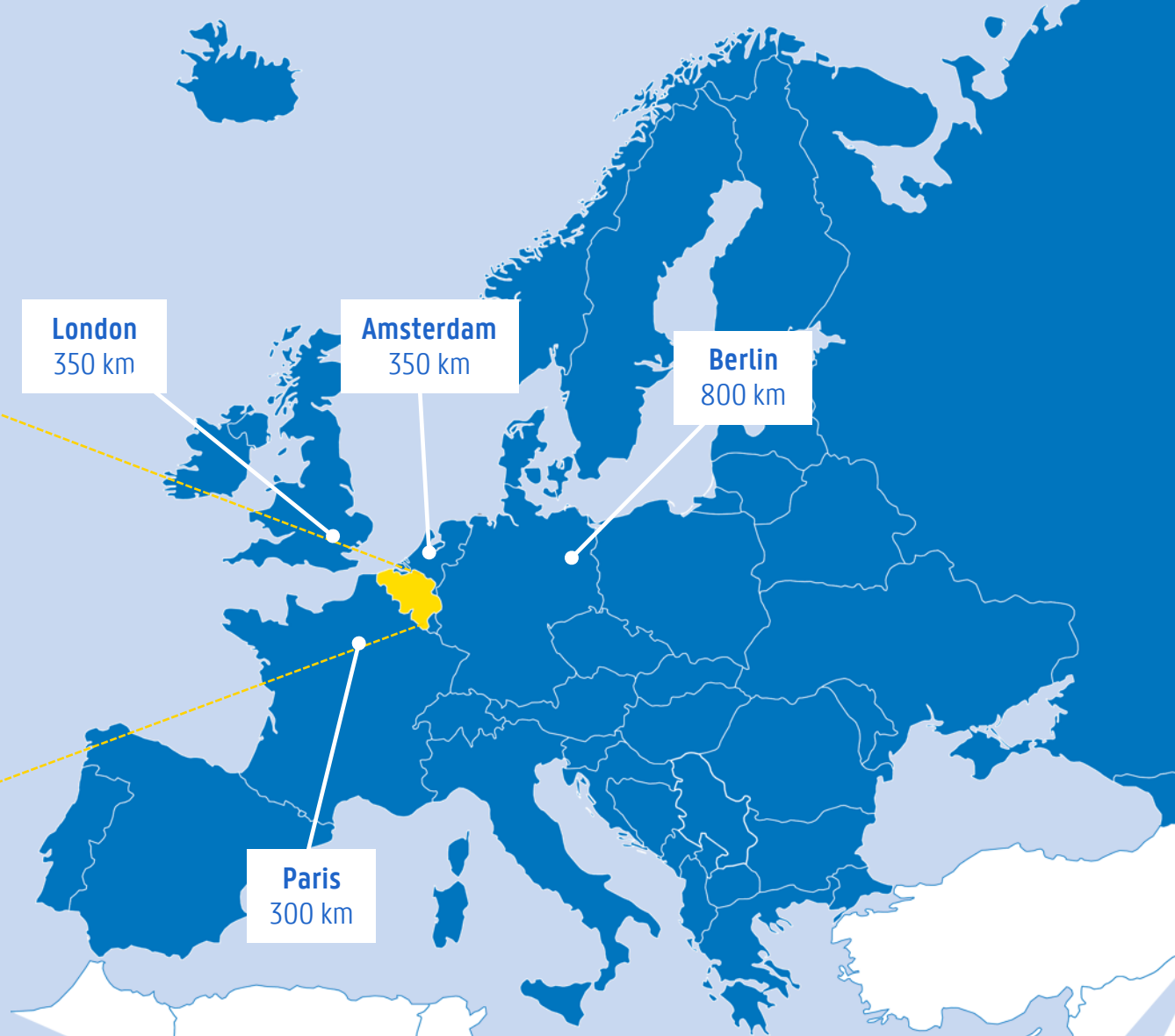


## SUSTAINABILITY

For a future that is  
ecologically, socially  
and economically  
sustainable, within a  
local global context.

# IN BELGIUM

In the heart of Europe



gent:



## GHENT IN NUMBERS

- 156 km<sup>2</sup>
- 266,926 inhabitants
- 161 nationalities
- 81,676 students
- 45,510 scholars (-18 years)

(source: [www.thisis.gent](http://www.thisis.gent))

gent:



## GHENT: a rebel with a cause

A rebel, because the inhabitants of the Artevelde city simply follow their hearts and do their own thing. With a cause, because Ghent is a city that connects people, regardless of any differences. Changing standards, thinking outside the box, really looking and listening: Ghent is the place to be for open minds. And the city is a breeding ground for art, intellect and fun.

After all, Ghent is the city of the Ghent Altarpiece, the country's best university and the Ghent Festivities. Ghent is alive and a great place to live: a green haven with the vibes of a metropolis.

More info: [www.visitgent.be](http://www.visitgent.be)



# RESEARCH BASED EDUCATION

## Research in Physics and Astronomy @ UGent

- Wide scope:
  - High energy and particle physics
  - Solid state and nano physics
  - Theoretical and computational physics
  - Extragalactic astronomy
- International collaborations



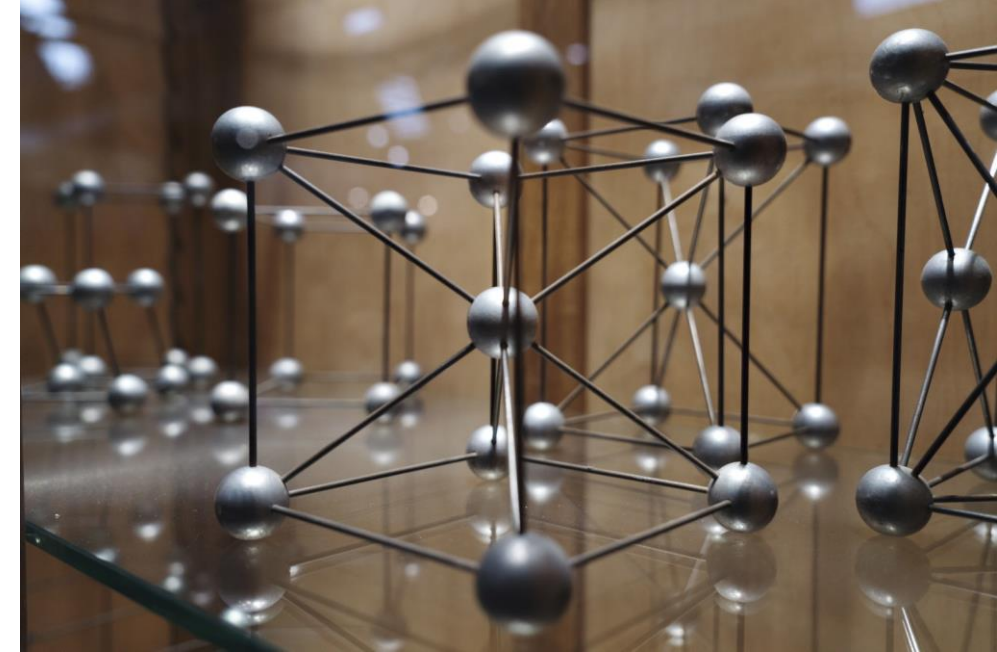
# PHYSICS @ UGENT

## Bachelor of Science in Physics and Astronomy 180 ECTS:

- 180 ECTS credits
- 6 semesters
- 80% Dutch 20% English
- ±230 students

## Master of Science in Physics and Astronomy 120 ECTS

- 120 ECTS credits
- 4 semesters
- Up to 100% English
- ±90 students



# PHYSICS @ UGENT: Master of Science in Physics and Astronomy

## Master program:

- 36 ECTS credits general courses (compulsory):  
fall semester
- 54 ECTS credits elective courses: fall / spring
- 30 ECTS credits master dissertation: fall +  
spring





# PHYSICS @ UGENT: Master of Science in Physics and Astronomy

## General courses:

Solid State and Nano Physics, Computational Physics, Subatomic Physics, Theoretical and Numerical Astrophysics, Quantum Field Theory, General Relativity

## Elective courses:

- 50 courses in the field of Physics and Astronomy:
  - Astronomy
  - Solid State Physics
  - Nuclear and Particle Physics
  - Theoretical Physics
  - Interdisciplinary Elective Courses



# PHYSICS @ UGENT: Master of Science in Physics and Astronomy

## Semesters:

**Fall:** last week of September – Christmass, examinations:

January

**Spring:** second week of Februari – end of May, examinations:

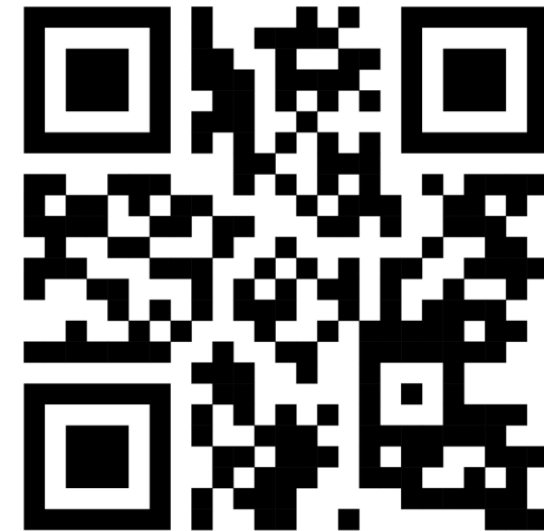
June

**More information: Study guide →**

Exchange coordinator Physics & Astronomy:

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<https://studiekiezer.ugent.be/2025/master-of-science-in-physics-and-astronomy-CMPHYS-en/programma>



Universiteit Gent



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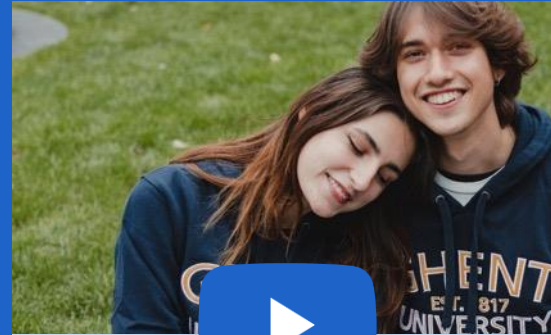


Ghent University



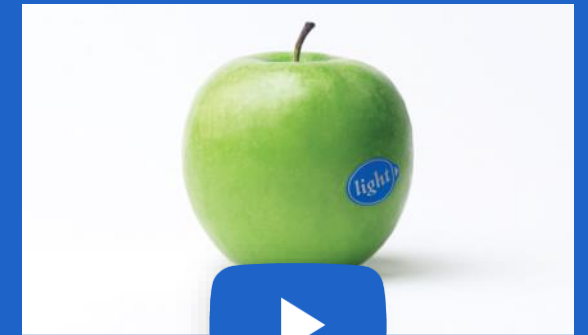
youtube.com/ugent

[www.ugent.be](http://www.ugent.be)



### A KNOWLEDGE LOVE STORY

Image film  
about Ghent University



### DARE TO THINK

Our DNA:  
critical thinking