





UHASSELT

KNOWLEDGE IN ACTION

Exchange opportunities for incoming students



Faculty of Engineering Technology

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Hasselt University

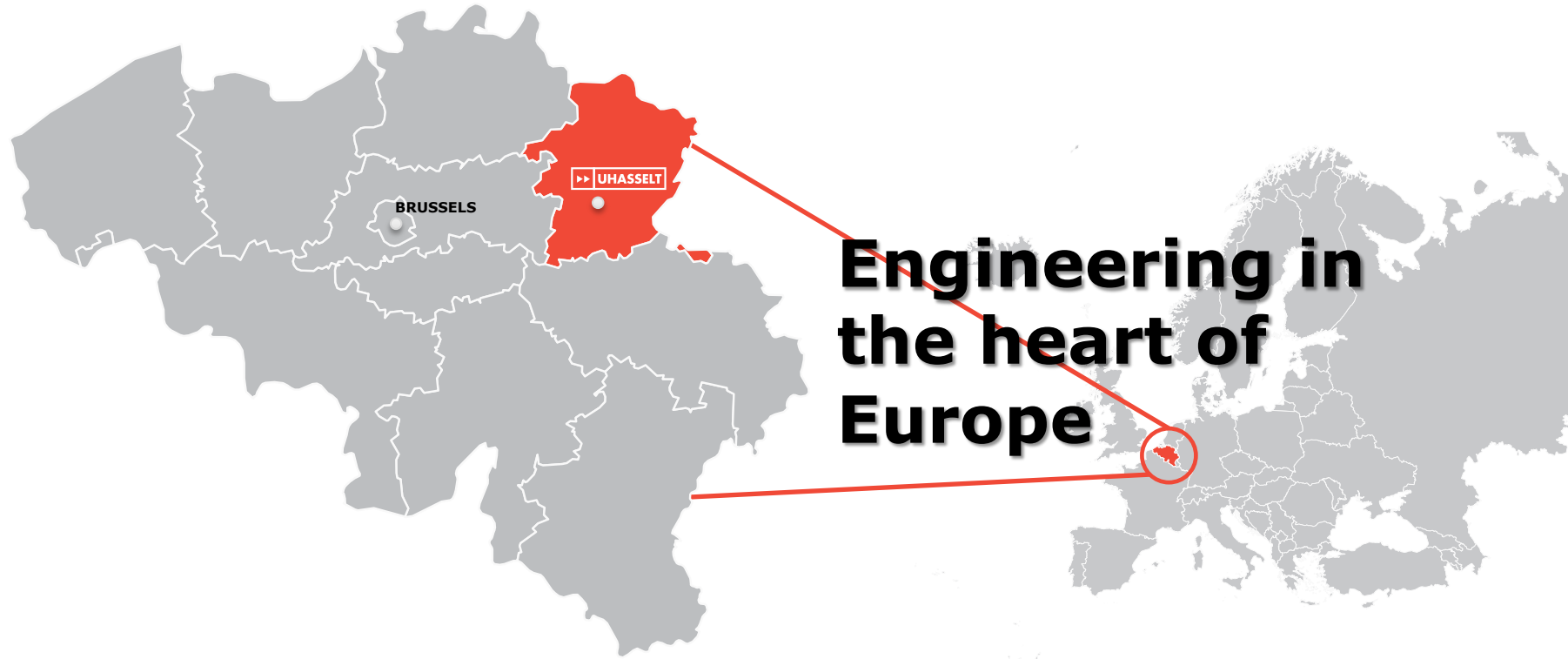
**innovative, locally anchored and
internationally oriented**



UHASSELT

KNOWLEDGE IN ACTION

UHasselt on the map



UHasselt since 1973



UHasselt in figures





UHASSELT

KNOWLEDGE IN ACTION

Education

Faculties and programs

ARCHITECTURE AND ARTS

- Architecture
- Interior Architecture

BUSINESS ECONOMICS

- Business Economics
- Business Engineering
- Business Engineering in Management Information Systems (MIS)
- Business Administration
- Master of Management

MEDICINE AND LIFE SCIENCES

- Medicine (bachelor programme)
- Biomedical Sciences

ENGINEERING TECHNOLOGY (joint with KU Leuven)

- Bachelor Engineering Technology
- MSc Civil Engineering Technology
- MSc Chemical Engineering Technology
- MSc Electromechanical Engineering Technology
- MSc Energy Engineering Technology
- MSc Electronics and ICT Engineering Technology
- MSc Nuclear Engineering Technology
- MSc Software Systems Engineering Technology

LAW

- Law (in collaboration with UM and KU Leuven)

REHABILITATION SCIENCES

- Rehabilitation Sciences and Physiotherapy

SCIENCES

- Mathematics (bachelor programme)
- Physics (bachelor programme)
- Chemistry (bachelor programme)
- Biology (bachelor programme)
- Computer Sciences
- Statistics

SCHOOL FOR TRANSPORTATION SCIENCES

- Transportation Sciences

SCHOOL OF EDUCATIONAL STUDIES

- Master of Teaching in Health Sciences
- Master of Teaching in Design Sciences
- Master of Teaching in Economics
- Master of Teaching in Science and Technology

SCHOOL OF SOCIAL SCIENCES

- Bachelor in Social Sciences

UHasselt students in figures

6700
students



564
PhD
students



99
incoming
students

165
outgoing
students

264
exchange
students

952
international
degree-
seeking
students

335
international
PhD students

520+
international
partners for
education,
research and
innovation

A growing global network



EURECA-PRO



universidad
de león



HASSELT UNIVERSITY

Campus Hasselt



HASSELT UNIVERSITY

Campus Diepenbeek



Hometown of the engineers



UHASSELT

KNOWLEDGE IN ACTION

Faculty of Engineering Technology

Education driven by research and in the
meantime embedded in industry and society

Educational program in collaboration with KU Leuven

300
staff
members

800
students

70
PhD
students



7
**Master
programs**

**1 Bachelor
program**

1
Post
graduate

8
**research
units**

1
PhD
program

Faculty of engineering technology

De gezamenlijke opleiding industrieel ingenieur is een initiatief van UHasselt en KU Leuven.



UNDERGRADUATE

1 bachelor program in **engineering technology 6 semesters – 180 ECTS**

language of instruction | Dutch

- 3 semesters = generic engineering training for all students
It consists of basic sciences and engineering skills, introductions to various technologies, and several broadening courses.
- 3 semesters with specialization in
 - Chemical engineering technology
 - Civil engineering technology
 - Electromechanical engineering technology
 - Electronics and ICT engineering technology
 - Nuclear engineering technology
 - Software systems engineering technology

The chosen specialization gives direct access to the subsequent master's program.
No exchange possibilities in the bachelor programs.

Faculty of engineering technology

De gezamenlijke opleiding industrieel ingenieur is een initiatief van UHasselt en KU Leuven.



POSTGRADUATE - MASTER

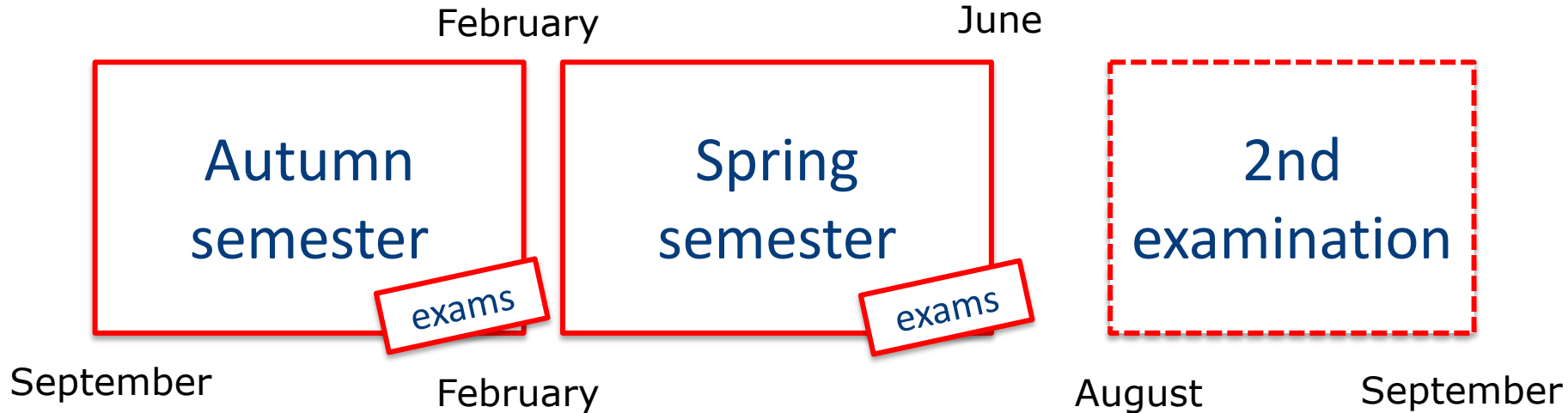
7 master's programs in **engineering technology** 2 semesters - 60 ECTS
language of instruction | Dutch

- Chemical engineering technology | 4 options
 - food and packaging
 - pharma and specialty chemicals
 - plastics and packaging
 - sustainable process technology
- Civil engineering technology | buildings & infrastructures
- Electromechanical engineering technology | 2 options
 - automation
 - design and production
- Energy engineering technology
- Electronics and ICT engineering technology | focus on hardware
- Nuclear engineering technology | 2 options
 - environmental
 - nuclear and medical
- Software systems engineering technology

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Exchange program master

All 7 master's programs in engineering technology offer several courses in English for incoming exchange students.



Exchange program master

- Language of instruction = English
- Program for autumn (=sem 1) and spring semester (=sem 2)
- Preferable 21 ECTS (minimum of 18 ECTS) credits per semester
- General structure of the programs

several **elective courses**: lectures and exercises/lab activities

elective **Master Project** = research project

students can determine the size of the project (9, 20, or 30 ECTS)

variety of topics in function of ongoing research, and the interests and background of the student

with individual coaching in English

- Detailed exchange programs Master Engineering Technology:

<https://www.uhasselt.be/en/international/from-abroad/exchange-students>

Maximilian has the floor ...



Engineering Research

for Master's thesis/project or Traineeship

OPTIONS in various
RESEARCH fields

CERG

Construction Engineering Research Group

EDM

Expertise centre for Digital Media

NUTEC

Research group Nuclear Technology



MPR&S

Materials and Packaging Research & Services

FME

Functional Materials Engineering

BDE

Biomedical Device Engineering

PV group

PV Technology & Energy Systems

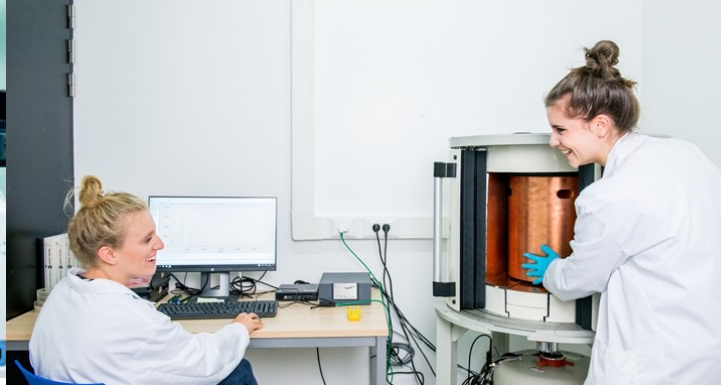
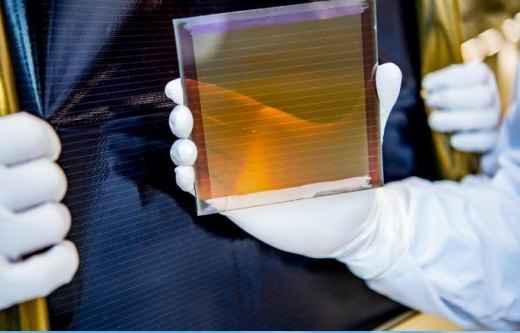
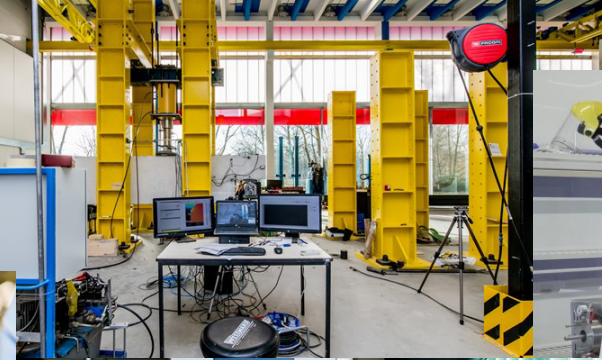
BATT

Battery Technology



Engineering Research

State-of-the-art lab facilities



Faculty of engineering technology



**Complete master program in
energy engineering technology
taught in English**

1 YEAR - 60 ECTS

Upcoming short mobility

CEAD – Circular Engineering Across Disciplines

- Each year in April
- International summer school
- For last year bachelor's and master's students in engineering and sciences
- 3 ECTS – language of instruction=English
- Erasmus Blended Intensive program (Erasmus grant short mobility)
- Organised by the Faculty of Engineering Technology of UHasselt
- In the framework of EURECA-PRO

Upcoming short mobility

2024 Edition of CEAD

Reduction of carbon footprint in industry and beyond

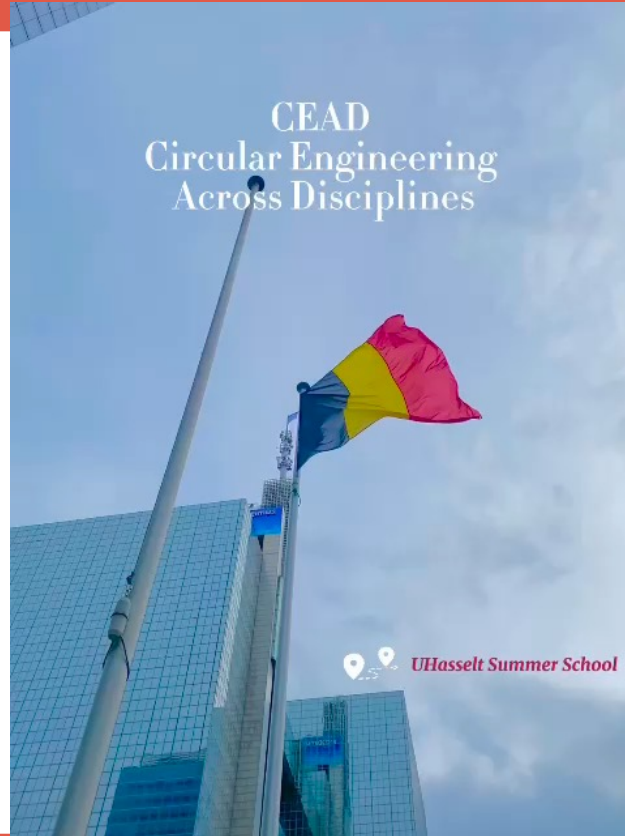


- ✓ On campus part 21 April-26 April 2024
- ✓ Interactive workshops and teamwork
- ✓ **Application open until 15 December 2023**
- ✓ All details and applications via <https://www.uhasselt.be/circularengineering>

2024 CEAD at a glance

- Carbon footprint reduction
From doing things right to doing the right thing
- Economic and environmental analysis of low carbon technologies
- AI in industry: the good, the bad and the ugly
- Circular thinking in polymer engineering
- Better batteries with Biochar
- Emerging technologies for a clean energy future
- Testing the viability of carbon capture with AI
- Company visits
- Group dinner and cultural activity

Recap movie of 2023 CEAD



PION

= Postgraduate program in Innovation and Entrepreneurship in Engineering

English taught programme of 29 ECTS (foundations) or 60 ECTS (advanced)

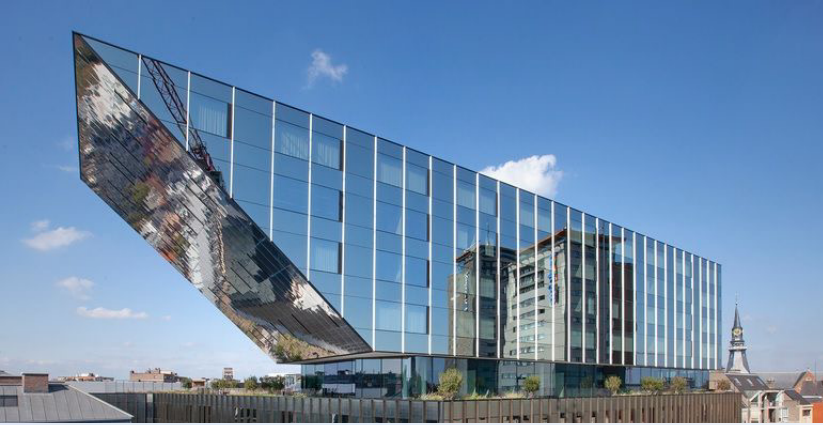
For graduate engineers or being at most 32 credits away from obtaining your master's degree in engineering

Innovation project in a company is the most important part of the program

U Hasselt more than only studying



Hasselt city



<https://www.visithasselt.be/en>

Hasselt almost on the door step of



Thank you!

