Bachelor in Engineering Sciences
Option Charleroi

In order to access the Bachelor in Engineering (Civil Engineering or Architecture), students must have a certificate showing they have passed the special admission exam for this programme.

Programme mnemonic
BA-IRCI
▷ Option Charleroi: BA-IRCIC

Exists also in
▷ Option Bruxelles: BA-IRCIB

Studies level
Bachelor

Learning language
français

Schedule
office hours

Studies category / subcategory
Sciences and technics / Sciences and technics

Campus
Charleroi Ville Haute

Programme objectives
Fulfill your ambitions by gaining a grounding in the different aspects of engineering: creating, designing, producing, optimising, securing. You will develop skills ranging from scientific rigour to practical work. You will learn both know-how and interpersonal skills.

Programme’s added value
A « multitechnical » approach that enables you to gain an insight into all the theoretical and applied aspects of this field.
A very comprehensive course with a particular focus on individual study and with lectures only making up one element of the course.
It is basically the most general BA course in the French-speaking Region of Belgium.

For most courses you will have at your disposal:
▷ a specialist laboratory.
▷ the different faculty libraries as well as the university central libraries, especially the scientific and technical library.
▷ computer rooms.

Teaching methods
As from the first block, teaching methodologies range from classical courses to projects, including exercise and laboratory sessions.

Succeed in your studies
Choose
The information and guidance counsellors at the InfOR-études [https://www.ulb.be/en/studies-info-desk-1] service will help you choose your studies throughout the year.

Succeed

Get help
Apply for financial aid, look for accommodation or a student job, get support [https://www.ulb.be/fr/aides-services-et-accompagnement/aid-services-and-support-1] for your specific needs.

International/Openness
The Erasmus exchange programme usually takes place during the master’s course. However, there are bilateral agreements (double degree agreements) enabling you to study abroad from the 3rd block of the bachelor’s course to the end of the 1st block of the master’s course.
Some of the subsequent masters in engineering are organised jointly with VUB in English.

**Job opportunities**

If you go on to do a Master in Civil Engineering, you will be able to work in the following areas:

- Corporate engineer
- Consultant engineer
- Research engineer
- Production engineer
- Engineer in a technical consultancy department.

You could also do research in applied sciences: constructions, chemistry, science of materials, physics, electricity, mechanics, information technologies, biomedical sciences.

**Contacts**

![Email](Philippe.Bogaerts@ulb.ac.be)

![Phone](+32 2 650 40 93)

![Website](https://polytech.ulb.be/fr/les-etudes/bacheliers)
Bloc 1 | BA-IRCIC | BA-IRCI

Programme

CHIM-H1702  Chimie : science de la matière et de ses transformations  Jérôme Dohet-Eraly (Coordinator)
7 credits [lecture: 48h, tutorial classes: 24h, practical work: 12h]  first and second terms  French

MATH-H1700  Sciences pour l'ingénieur  Thomas LESSINNES (Coordinator)
6 credits [lecture: 24h, tutorial classes: 48h]  first term  French

PHYS-H1701  Physique générale  Guillaume LENOIR (Coordinator)
7 credits [lecture: 36h, tutorial classes: 24h, practical work: 24h]  second term  French
Bachelor in Engineering Sciences  
Option Charleroi

### Programme

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<tr>
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<th>Lecture</th>
<th>Tutorial</th>
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<td>Matthieu AERSSENS (Coordinator)</td>
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