


**UCLouvain**

*UCL Study  
programme  
2023 - 2024*

Specialization track in Construction

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## FILGCE - Introduction

### Introduction

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#### Introduction

The aim of this track is initiating the students to the basic concepts of civil engineering. In addition to the theoretical fundamentals about structures, materials, soil mechanics and hydraulics, the students will be immersed in the “civil engineering culture” and will acquire concrete experience by practical and laboratory works, basic projects and site visits.

## FILGCE - Teaching profile

## Learning outcomes

## Programme

## DETAILED PROGRAMME BY SUBJECT

- Mandatory
- ✖ Optional
- △ Not offered in 2023-2024
- Not offered in 2023-2024 but offered the following year
- ⊕ Offered in 2023-2024 but not the following year
- △ ⊕ Not offered in 2023-2024 or the following year
- Activity with requisites
- 🌐 Open to incoming exchange students
- 🚫 Not open to incoming exchange students
- (FR) Teaching language (FR, EN, ES, NL, DE, ...)

Click on the course title to see detailed informations (objectives, methods, evaluation...)

30 crédits

Year

2 3

o Content:

● LGCIV1031	Structural Materials and Geomaterials	Hadrien Rattez João Saraiva Esteves Pacheco De Almeida	(FR) [q2] [30h+30h] [5 Credits] 🌐	X	
● LGCIV1022	Mechanics of structures	Pierre Latteur	(FR) [q2] [30h+30h] [5 Credits] 🌐	X	
● LGCIV1023	Structural Analysis	João Saraiva Esteves Pacheco De Almeida	(FR) [q1] [30h+30h] [5 Credits] 🌐		X
● LGCIV1072	Soil mechanics	Hadrien Rattez	(FR) [q1] [30h+30h] [5 Credits] 🌐		X
● LGCIV1051	Hydraulic	Sandra Soares Frazao	(FR) [q2] [30h+30h] [5 Credits] 🌐		X
● LGCIV1032	Reinforced concrete structures	Jean-François Cap	(FR) [q2] [30h+30h] [5 Credits] 🌐		X

## THE PROGRAMME'S COURSES AND LEARNING OUTCOMES

For each UCLouvain training programme, a [reference framework of learning outcomes](#) specifies the the skills expected of every graduate on completion of the programme. Course unit descriptions specify targeted learning outcomes, as well as the unit's contribution to reference framework of learning outcomes.

## FILGCE - Information

### Evaluation

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*The evaluation methods comply with the [regulations concerning studies and exams](#). More detailed explanation of the modalities specific to each learning unit are available on their description sheets under the heading "Learning outcomes evaluation method".*

