



## APPHYS - Introduction

### Introduction

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#### Introduction

The additional module in physics allows you to:

- deepen and broaden your knowledge and skills in different areas of physics;
- to study topics complementary to those addressed in the teaching units of the major in physics.

## APPHYS - Teaching profile

### Learning outcomes

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The additional module in physics aims to deepen and broaden your knowledge and skills in different fields of physics and related disciplines, with a view to, among other things, facilitating your choice of purpose and / or options for your Master.

### Programme

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#### DETAILED PROGRAMME BY SUBJECT

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- 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, ...)

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

30 crédits

*The student chooses in the following list 30 credits that he/she distributes according to the following model: 10 credits during the second semester of the second annual unit, 10 or 15 credits during the first semester of the third annual unit, and 10 or 5 credits during the second semester of the third annual unit.*

				Year	
				2	3
⌘ LPHYS2101	Analog and digital electronics	Eduardo Cortina Gil	EN [q1] [45h+45h] [10 Credits]  > French-friendly	x	x
⌘ LEPL1106	Signals and systems	Julien Hendrickx Luc Vandendorpe	FR [q2] [30h+30h] [5 Credits] 	x	x
<b>⌘ Training in chemistry</b>					
⌘ LCHM1141A	Organic chemistry	Benjamin Elias (coord.) Charles-André Fustin	FR [q2] [30h+20h] [5 Credits] 	x	

## THE PROGRAMME'S COURSES AND LEARNING OUTCOMES

For each UCLouvain training programme, a [reference framework of learning outcomes](#)

## APPHYS - Information

### Access Requirements

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The additional module in physics is accessible, from the second annual unit, to the only students enrolled in the Bachelor's programme in physics.

### Evaluation

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***The evaluation methods comply with the regulations concerning studies and exams (<https://uclouvain.be/fr/decouvrir/rgee.html>). More detailed explanation of the modalities specific to each learning unit are available on their description sheets under the heading "Learning outcomes evaluation method".***

### Possible trainings at the end of the programme

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At the end of their Bachelor in physics, students have direct access to the Master [120] in physics and Master [60] in physics.

### Contacts

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#### Curriculum Management

Entity

Structure entity

Denomination

SST/SC/PHYS

<https://uclouvain.be/fr/facultes/sc/horaires-ti.html> (<https://uclouvain.be/fr/facultes/sc/horaires-ti.html>)

