

**Table of contents**

Introduction .....	2
Teaching profile .....	3
- Learning outcomes .....	3
- Detailed programme .....	3
- Programme by subject .....	3
- Course prerequisites .....	3
- The programme's courses and learning outcomes .....	4
Information .....	5
- Liste des bacheliers proposant cette mineure .....	5
- Admission .....	5
- Contacts .....	5
- Infos .....	5

## Introduction

### Introduction

---

## Teaching profile

### Learning outcomes

To provide training in a discipline other than that of the baccalaureate major.

### Detailed programme

#### PROGRAMME BY SUBJECT

⊗ Mandatory

△ Courses not taught during 2016-2017

⊕ Periodic courses taught during 2016-2017

⊗ Optional

⊖ Periodic courses not taught during 2016-2017

■ Activity with requisites

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

Dans la liste ci-dessous, l'étudiant choisit 30 crédits qu'il répartit de manière équilibrée sur la deuxième et la troisième année de baccalauréat.

						Year	
						2	3
⊗ LCHM1243	<a href="#">Introduction to organic chemistry and to biochemistry</a>	<a href="#">Agnes.Gnagnarella</a> <a href="#">Pierre.Morsomme</a>	22.5h +22.5h	5 Credits	2q	x	
⊗ LMAT1221	<a href="#">Mathematical analysis 3</a>	<a href="#">Augusto.Ponce</a> <a href="#">Jean.Vanschaffingen</a>	45h+45h	9 Credits	1q	x	
⊗ LMAT1231	<a href="#">Multilinear algebra and group theory</a>	<a href="#">Marino.Gran</a>	30h+30h	6 Credits	2q	x	
⊗ LPHY1221	<a href="#">Group theory</a>	<a href="#">Philippe.Ruelle</a>	22.5h +15h	5 Credits	2q	x	
⊗ LSC2002	<a href="#">Elements of mathematics and physics history</a>	<a href="#">Paloma.delaValleePoussin</a> <a href="#">Michel.Willem</a>	30h	4 Credits	1q	x	
⊗ LMECA1901	<a href="#">Continuum mechanics.</a>	<a href="#">Philippe.Chatelain</a> <a href="#">Issam.Doghri</a> (compensates <a href="#">Emilie Marchandise</a> ) <a href="#">Emilie.Marchandise</a>	30h+30h	5 Credits	1q		x
⊙ LPHY1300	<a href="#">Projet personnel</a>	<a href="#">Eduardo.Cortinagil</a>	0h+60h	5 Credits	2q		x
⊗ LPHY2137	<a href="#">Analog Electronics</a>	<a href="#">Eduardo.Cortinagil</a>	22.5h +22.5h	5 Credits	1q		x
⊗ LPHY2371	<a href="#">Numerical Simulation in Physics</a>	<a href="#">Michel.Crucifix</a> <a href="#">Bernard.Piraux</a>	22.5h +37.5h	5 Credits	1q		x
⊗ LPHY2372	<a href="#">Experimental methods</a>	<a href="#">Krzysztof.Piotrkowski</a> <a href="#">Xavier.Urbain</a>	30h+15h	4 Credits	1q		x

#### COURSE PREREQUISITES

A document entitled [en-prerequis-2016-app-lphys100p.pdf](#) specifies the activities (course units - CU) with one or more pre-requisite(s) within the study programme, that is the CU whose learning outcomes must have been certified and for which the credits must have been granted by the jury before the student is authorised to sign up for that activity.

These activities are identified in the study programme: their title is followed by a yellow square.

As the prerequisites are a requirement of enrolment, there are none within a year of a course.

The prerequisites are defined for the CUs for different years and therefore influence the order in which the student can enrol in the programme's CUs.

In addition, when the panel validates a student's individual programme at the beginning of the year, it ensures the consistency of the individual programme:

- It can change a prerequisite into a corequisite within a single year (to allow studies to be continued with an adequate annual load);
- It can require the student to combine enrolment in two separate CUs it considers necessary for educational purposes.

For more information, please consult [regulation of studies and exams](#).

## **THE PROGRAMME'S COURSES AND LEARNING OUTCOMES**

For each UCL training programme, a [reference framework of learning outcomes](#) specifies the competences expected of every graduate on completion of the programme. You can see the contribution of each teaching unit to the programme's reference framework of learning outcomes in the document "In which teaching units are the competences and learning outcomes in the programme's reference framework developed and mastered by the student?"

The document is available by clicking [this link](#) after being authenticated with UCL account.

## Information

### Liste des bacheliers proposant cette mineure

---

> [Bachelor in Physics](#) [en-prog-2016-phys1ba]

### Admission

---

### Contacts

---

## Curriculum Management

Entite de la structure PHYS

Acronyme	<b>PHYS</b>
Dénomination	Ecole de physique
Adresse	Chemin du Cyclotron, 2 bte L7.01.04 1348 Louvain-la-Neuve Tél 010 47 32 94 - Fax 010 47 30 68
Site web	<a href="http://www.uclouvain.be/phys">http://www.uclouvain.be/phys</a>
Secteur	Secteur des sciences et technologies (SST)
Faculté	Faculté des sciences (SC)
Commission de programme	Ecole de physique (PHYS)

**Academic Supervisor :** [Thierry Fichet](#)

### Jury

### Usefull Contacts

Secrétaire de l'Ecole de physique : [Julie Genbrugge](#)

### Infos

---

