UCL Study programme

2015 - 2016

Additionnal module in Physics

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Introduction

Introduction

Teaching profile

Learning outcomes

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

Detailled programme

PROGRAMME BY SUBJECT

⭘ Mandatory	⛌ Optional
△ Courses not taught during 2015-2016	⊘ Periodic courses not taught during 2015-2016
⊕ Periodic courses taught during 2015-2016	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	Introduction to organic chemistry and to biochemistry	Agnès Gnagnarella, Pierre Morsomme	22.5h +22.5h	5 Credits	2q	x	
⛌ LMAT1221	Mathematical analysis 3	Augusto Ponce, Jean Van Schaftingen	45h+45h	9 Credits	1q	x	
⛌ LMAT1231	Multilinear algebra and group theory	Marino Gran	30h+30h	6 Credits	2q	x	
⛌ LPHY1221	Group theory	Philippe Ruelle	22.5h +15h	5 Credits	2q	x	
⛌ LSC2002	Elements of mathematics and physics history	Patricia De Grave, Michel Willem	30h	4 Credits	1q	x	
⛌ LMECA1901	Continuum mechanics.	Philippe Chatelain, Philippe Chatelain (compensates Emilie Marchandise), Emilie Marchandise	30h+30h	5 Credits	1q		x
⛌ LPHY1300	Projet personnel	Eduardo Cortina Gil	0h+60h	5 Credits	2q		x
⛌ LPHY2137	Analog Electronics	Eduardo Cortina Gil	22.5h +22.5h	5 Credits	1q		x
⛌ LPHY2371	Numerical Simulation in Physics	Michel Crucifix, Bernard Piraux	22.5h +37.5h	5 Credits	1q		x
⛌ LPHY2372	Experimental methods	Krzysztof Piotrzkowski, Xavier Urbain	30h+15h	4 Credits	1q		x

COURSE PREREQUISITES

A document entitled en-prerequis-2015-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-2015-phys1ba]*

Admission

Contacts

Curriculum Managment

Entite de la structure PHYS

Acronyme	**PHYS**
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	https://www.uclouvain.be/phys
Secteur	Secteur des sciences et technologies (SST)
Faculté	Faculté des sciences (SC)
Commission de programme	Ecole de physique (PHYS)

Academic Supervisor : Eduardo Cortina Gil

Jury:

Usefull Contacts

Secrétaire de l'Ecole de physique : Roseline Van Dyck

Infos