UCLouvain

UCL Study programme 2020 - 2021

Specialization track in Computer Science

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FILINFO - Introduction

Introduction

Introduction

The aim of this track is to enable the students to master the basic concepts in the field of computer sciences. More precisely this specialization trains the students to acquire basic fundaments in computer sciences (algorithmic and data structures, computer languages, informatic systems, databases); and the capacity to analyze and solve algorithmic problems by applying its knowledge in the field of computer and engineering sciences.

FILINFO - Teaching profile

Learning outcomes

Detailled programme

PROGRAMME BY SUBJECT

O Mandatory	⊠ Optional
△ Courses not taught during 2020-2021	⊘ Periodic courses not taught during 2020-2021
⊕ Periodic courses taught during 2020-2021	Activity with requisites

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

Content:

						Year 2	Year 3
O LINFO1104	Paradigmes de programmation et concurrence	Peter Van Roy	30h+30h	5 Credits	q2	x	
O LINFO1123	Calculabilité, logique et complexité	Yves Deville	30h+30h	5 Credits	q2	x	
O LINFO1252	Systèmes informatiques	Etienne Riviere	30h+30h	5 Credits	q1		x
O LINFO1121	Algorithmique et structures de données	Guillaume Derval (compensates Pierre Schaus)	30h+30h	5 Credits	q1		x
O LINFO1341	Réseaux informatiques	Olivier Bonaventure	30h+30h	5 Credits	q2		x
O LINFO1361	Intelligence artificielle		30h+30h	5 Credits	q2 △		x

COURSE PREREQUISITES

There are no prerequisites between course units (CUs) for this programme, i.e. the programme activity (course unit, CU) whose learning outcomes are to be certified and the corresponding credits awarded by the jury before registration in another CU.

THE PROGRAMME'S COURSES AND LEARNING OUTCOMES

For each UCLouvain 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?"*

FILINFO - Information

Access Requirements

Evaluation

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".