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Specialization track in Computer Science [app-linfo100p]

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.

Specialization track in Computer Science [app-linfo100p]

Teaching profile

Learning outcomes

Detailled programme

PROGRAMME BY SUBJECT

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

Year

o Contenu:

O LINFO1104	Paradigmes de programmation et concurrence	Peter Van Roy	30h+30h	5 Credits	2q	X	Ī
O LINFO1225	Conception orientée objet et gestion de données	Kim Mens	30h+30h	5 Credits	2q	X	
O LINFO1252	Systèmes informatiques		30h+30h	5 Credits	1q △	X	(
O LINFO1121	Algorithmique et structures de données		30h+30h	5 Credits	1q △	×	(
O LINFO1341	Réseaux informatiques		30h+30h	5 Credits	2q △	×	(
O LINFO1123	Calculabilité, logique et complexité		30h+30h	5 Credits	2q △	>	(

COURSE PREREQUISITES

A document entitled (nb: <u>not available</u> for this programme linfo100p) 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 (https://uclouvain.be/fr/decouvrir/rgee.html).

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?"

Specialization track in Computer Science [app-linfo100p]

Information

Liste des bacheliers proposant cette mineure

> Bachelor in Engineering [en-prog-2019-fsa1ba]

Admission

Evaluation

The evaluation methods comply with the <u>regulations concerning studies and exams</u> (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".

UCLouvain - Université catholique de Louvain Study Programme 2019-2020

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