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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 fundamentals 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

Programme

DETAILED PROGRAMME BY SUBJECT

- Mandatory
- ⊗ Optional
- △ Not offered in 2021-2022
- ⊖ Not offered in 2021-2022 but offered the following year
- ⊕ Offered in 2021-2022 but not the following year
- △ ⊕ Not offered in 2021-2022 or the following year
- Activity with requisites
- [FR] Teaching language (FR, EN, ES, NL, DE, ...)

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

30 crédits

Year
2 3

○ Content:

○ LINFO1104	Programming language concepts	Peter Van Roy	[FR] [q2] [30h+30h] [5 Credits]	x	
○ LINFO1123	Calculability, Logic and Complexity	Yves Deville	[FR] [q2] [30h+30h] [5 Credits]	x	
○ LINFO1252	Informatic Systems	Etienne Riviere	[FR] [q1] [30h+30h] [5 Credits]		x
○ LINFO1121	Algorithms and data structures	Pierre Schaus	[FR] [q1] [30h+30h] [5 Credits]		x
○ LINFO1341	Computer networks	Olivier Bonaventure	[FR] [q2] [30h+30h] [5 Credits]		x
○ LINFO1361	Artificial intelligence	Yves Deville	[FR] [q2] [30h+30h] [5 Credits]		x

THE PROGRAMME'S COURSES AND LEARNING OUTCOMES

For each UCLouvain training programme, a [reference framework of learning outcomes](#) specifies the the skills expected of every graduate on completion of the programme. Course unit descriptions specify targeted learning outcomes, as well as the unit's contribution to reference framework of learning outcomes.

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".

