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Introduction

Introduction

Teaching profile

Learning outcomes

The aim of the minor in computer science is to equip the student with the basic concepts in computer science. To be more specific, s/he should:

- Master the basic foundations of computer science (programming, algorithms and data structures, computer languages, information systems,...)
- Analyze and solve medium-sized computing and IT problems by applying the acquired knowledge from different computer science domains.

On successful completion of this programme, each student is able to :

- Programmer

de maîtriser les fondements des matières de base de l'informatique

- programmation,
- algorithmique
- structures de données,
- langages informatiques,
- systèmes informatiques

de contribuer au développement d'applications de taille réduite en appliquant les connaissances acquises des domaines de l'informatique

- percevoir les contraintes techniques associées au développement de systèmes informatiques
- partager un langage commun avec les informaticiens

Detailed programme

PROGRAMME BY SUBJECT

- Mandatory ⊗ Optional
△ Courses not taught during 2019-2020 ⊙ Periodic courses not taught during 2019-2020
⊕ Periodic courses taught during 2019-2020 ■ Activity with requisites

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

Year

2 3

o Contenu:

o Programme

○ LINFO1101	Introduction à la programmation	Kim Mens Siegfried Nijssen Charles Pecheur	30h+30h	5 Credits	1q	x	
○ LINFO1001	Projets en informatique 1	Etienne Riviere	30h+30h	5 Credits	1q	x	
○ LEPL1402	Informatique 2	Ramin Sadre Pierre Schaus	30h+30h	5 Credits	1q		x
○ LINFO1103	Introduction à l'algorithmique	Pierre Dupont	30h+30h	5 Credits	2q	x	
○ LINFO1225	Conception orientée objet et gestion de données	Kim Mens	30h+30h	5 Credits	2q		x
○ LINFO1341	Réseaux informatiques		30h+30h	5 Credits	2q △		x

COURSE PREREQUISITES

A document entitled (nb: [not available](#) for this programme linfo100i) specifies the activities (course units - CU) with one or more prerequisite(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) (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?*"

Information

Liste des bacheliers proposant cette mineure

- > Bachelor in Mathematics [en-prog-2019-math1ba]
- > Bachelor in Economics and Management [en-prog-2019-ecge1ba]
- > Bachelor in Law [en-prog-2019-droi1ba]
- > Bachelor in Physics [en-prog-2019-phys1ba]

Admission

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".

Contacts

Attention, you are currently reading an archived page: below contact informations were for program study 2019-2020 only. To get current contact informations please got to [current program study site](#).

Curriculum Management

Entity	SST/EPL/INFO
Structure entity	(INFO) (https://uclouvain.be/repertoires/entites/info)
Denomination	Louvain School of Engineering (EPL) (https://uclouvain.be/repertoires/entites/epl)
Faculty	Sciences and Technology (SST) (https://uclouvain.be/repertoires/entites/sst)
Sector	INFO
Acronym	Place Sainte Barbe 2 - bte L5.02.01
Postal address	1348 Louvain-la-Neuve
	Tel: +32 (0) 10 47 31 50 - Fax: +32 (0) 10 45 03 45
Academic supervisor: Charles Pecheur	
Useful Contact(s)	
• Chantal Poncin	

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