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## Introduction

## Teaching profile

### Learning outcomes

Erreur de transformation xhtml vers fo pour 'programme\_detaille' erreur=org.xml.sax.SAXParseException; lineNumber: 278; columnNumber: 20; Le nom d'attribut "disciplinary" associé à un type d'élément "pThe" doit être suivi du caractère '='.

### Detailed programme

#### PROGRAMME BY SUBJECT

- Mandatory
- △ Courses not taught during 2015-2016
- ⊕ Periodic courses taught during 2015-2016
- ⊗ Optional
- ⊖ Periodic courses not taught during 2015-2016
- Activity with requisites

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

Year

2 3

#### ○ Contenu de la mineure

Cette mineure se compose des six cours obligatoires suivants. Elle est destinée aux étudiants ingénieurs civils. Les autres étudiants intéressés par une mineure dans la discipline prendront celle en sciences informatiques

○ LING1122	Program conception methods ■	Charles Pecheur	30h+30h	5 Credits	2q	x
○ LING1131	Computer language concepts	Peter Van Roy	30h+30h	5 Credits	2q	x
○ LING11341	Computer networks ■	Olivier Bonaventure	30h+30h	5 Credits	1q	x
○ LSINF1121	Algorithmics and data structures	Pierre Schaus	30h+30h	5 Credits	1q	x
○ LSINF1225	Object-oriented design and data management	Kim Mens	30h+30h	5 Credits	2q	x
○ LSINF1252	Computer Systems 1	Olivier Bonaventure	30h+30h	5 Credits	2q	x

#### COURSE PREREQUISITES

A document entitled [en-prerequis-2015-min-lsinf100i.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 Engineering](#) [en-prog-2015-fsa1ba]

### Admission

This polytechnic minor is chiefly intended for students enrolled in a bachelor in engineering sciences (civil engineering). All students taking a bachelor in engineering science (civil engineering) thus has access to this minor, except for those students who have already chosen computer science as a major.

Students enrolled in a bachelor in engineering sciences (architectural civil engineering or bioengineering) as well as other bachelor programmes (science, economic science and business studies or pharmacy science) may get access to the non-engineering minor in computing science. Admission to that minor requires submitting a formal application.

### Possible trainings at the end of the programme

Majors-minors leading directly to a master's course(s) :

For students who have performed well and obtained a bachelor's qualification in engineering sciences - civil engineering, the polytechnic minors guarantee them, as part of a programme which includes one of these minors, unconditional access, without additional training, to the civil engineering master's which corresponds to this minor.

- For the minor in computer science: the master in computer science engineering

### Contacts

### Curriculum Managment

Entite de la structure INFO

Acronyme	<b>INFO</b>
Dénomination	Commission de programme - Sciences informatiques et ingénieur civil en informatique
Adresse	Place Sainte Barbe 2 bte L5.02.01 1348 Louvain-la-Neuve Tél 010 47 31 50 - Fax 010 45 03 45
Secteur	Secteur des sciences et technologies ( <a href="#">SST</a> )
Faculté	Ecole Polytechnique de Louvain ( <a href="#">EPL</a> )
Commission de programme	Commission de programme - Sciences informatiques et ingénieur civil en informatique ( <a href="#">INFO</a> )

**Academic Supervisor :** [Kim MENS](#)

**Jury:**

### Usefull Contacts

Conseillère aux études : [Chantal PONCIN](#)

### Infos

