



*UCL Study  
programme  
2024 - 2025*

Minor in Computer Sciences

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## MINSINF - Introduction

### Introduction

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## MINSINF - 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

### Programme

#### DETAILED PROGRAMME BY SUBJECT

- Mandatory
- ⊗ Optional
- △ Not offered in 2024-2025
- ⊙ Not offered in 2024-2025 but offered the following year
- ⊕ Offered in 2024-2025 but not the following year
- △ ⊕ Not offered in 2024-2025 or the following year
- Activity with requisites
- 🌐 Open to incoming exchange students
- 🚫 Not open to incoming exchange students
- [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:

##### Programme

○ LINFO1101	<a href="#">Introduction to programming</a>	Kim Mens Siegfried Nijssen Charles Pecheur	10 [q1] [30h+30h] [5 Credits] 🌐	X	
○ LINFO1001	<a href="#">IT projects 1</a>	Cristel Pelsser	10 [q1] [30h+30h] [5 Credits] 🌐	X	
○ LEPL1402	<a href="#">Informatics 2</a>	Sébastien Jodogne Ramin Sadre Pierre Schaus	10 [q1] [30h+30h] [5 Credits] 🌐		X
○ LINFO1103	<a href="#">Introduction to algorithms</a>	Pierre Dupont	10 [q2] [30h+30h] [5 Credits] 🌐	X	
○ LINFO1341	<a href="#">Computer networks</a>	Olivier Bonaventure	10 [q2] [30h+30h] [5 Credits] 🌐		X



## MINSINF - Information

### Evaluation

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*The evaluation methods comply with the [regulations concerning studies and exams](#). 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

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#### Curriculum Management

Entity

Structure entity

Denomination

Faculty

Sector

Acronym

Postal address

SST/EPL/INFO

[\(INFO\)](#)

Louvain School of Engineering [\(EPL\)](#)

Sciences and Technology [\(SST\)](#)

INFO

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