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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 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:

##### Programme

○ LINFO1101	<a href="#">Introduction to programming</a>	Kim Mens Siegfried Nijssen Charles Pecheur	[FR] [q1] [30h+30h] [5 Credits]	X	
○ LINFO1001	<a href="#">IT projects 1</a>	Etienne Riviere	[FR] [q1] [30h+30h] [5 Credits]	X	
○ LEPL1402	<a href="#">Informatics 2</a>	Sébastien Jodogne Ramin Sadre Pierre Schaus	[FR] [q1] [30h+30h] [5 Credits]		X
○ LINFO1103	<a href="#">Introduction to algorithms</a>	Pierre Dupont	[FR] [q2] [30h+30h] [5 Credits]	X	
○ LINFO1341	<a href="#">Computer networks</a>	Olivier Bonaventure	[FR] [q2] [30h+30h] [5 Credits]		X
○ LINFO1361	<a href="#">Artificial intelligence</a>	Yves Deville	[FR] [q2] [30h+30h] [5 Credits]		X

## ***THE PROGRAMME'S COURSES AND LEARNING OUTCOMES***

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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.

## MINSINF - Information

### Access Requirements

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### Evaluation

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***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

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#### Curriculum Management

Entity	
Structure entity	SST/EPL/INFO
Denomination	(INFO)
Faculty	Louvain School of Engineering (EPL)
Sector	Sciences and Technology (SST)
Acronym	INFO
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Academic supervisor: Charles Pecheur (<https://uclouvain.be/repertoires/charles.pecheur>)

Useful Contact(s)

- Conseillère aux études: Sofie De Pauw (<https://uclouvain.be/repertoires/sofie.depauw>)

