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[Introduction](#)

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 2023-2024
- ⊙ Not offered in 2023-2024 but offered the following year
- ⊕ Offered in 2023-2024 but not the following year
- △ ⊕ Not offered in 2023-2024 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	Introduction to programming	Kim Mens Siegfried Nijssen Charles Pecheur	PO [q1] [30h+30h] [5 Credits] 🌐	X	
○ LINFO1001	IT projects 1	Cristel Pelsser	PO [q1] [30h+30h] [5 Credits] 🌐	X	
○ LEPL1402	Informatics 2	Sébastien Jodogne Ramin Sadre Pierre Schaus	PO [q1] [30h+30h] [5 Credits] 🌐		X
○ LINFO1103	Introduction to algorithms	Guillaume Derval (compensates Pierre Dupont)	PO [q2] [30h+30h] [5 Credits] 🌐	X	
○ LINFO1341	Computer networks	Olivier Bonaventure	PO [q2] [30h+30h] [5 Credits] 🌐		X

○ LINFO1361	Artificial intelligence	
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