





## SINF2M1 - Teaching profile

### Learning outcomes

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The computer science developers and designers of tomorrow face two major challenges:

- increasingly complex computer science systems
- increasingly varied areas of application

## Programme structure

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The student's master's program 60 in computer science will total a minimum of 60 credits distributed over an annual block comprising a common core (21 credits), a final thesis (15 credits) and units of elective course (24 credits).

This programme may vary depending on students' prior course of study. If during their previous studies, students have already taken a required class or completed an equivalent activity, they may substitute this course with an activity of their choice from the Master's degree programme (120) in computer science (provided they follow the programme guidelines). They will also verify that the minimum number of required credits for their diploma has been obtained.

Such programmes will be submitted to the appropriate programme commission for approval.

The majority of courses in this programme are offered in English. For non-Francophone students, alternative courses will be suggested by the programme commission as substitutes for required courses taught in French. This will be done on a case by case basis depending on the student's curriculum.

It is always possible for students to speak in French in class or during evaluations. Specifically, the graduation thesis/project may be written and defended in either English or French.

For students coming from bachelor's degrees in management information technology or computer science and systems from the Hautes Ecoles in FWB, the program also includes an additional module comprising 45 credits which must be taken as a priority during the first registration in the master's degree. Including this complementary module, the student's complete program should reach 105 credits spread over 2 annual blocks.

## SINF2M1 Programme

## Detailed programme by subject

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### CORE COURSES

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- 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
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⌘ LINFO2401

Open Source strategy for software development



o Cours alternatifs **Calculabilité, logique et complexité**

The student chooses a course from:

⌘ LINFO1123

Calculability, Logic and Complexity

## The programme's courses and learning outcomes

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BA en informatique de gestion - crédits supplémentaires entre 30 et 60

BA en informatique et systèmes, orientation informatique industrielle - crédits supplémentaires entre 30 et 60

BA en informatique et systèmes, orientation réseaux et télécommunications - crédits supplémentaires entre 30 et 60

BA en informatique et systèmes, orientation sécurité des systèmes - crédits supplémentaires entre 30 et 60

BA en informatique et systèmes, orientation technologie de l'informatique - crédits supplémentaires entre 30 et 60

BA en informatique, orientation développement d'applications - crédits supplémentaires entre 30 et 60

BA en informatique, orientation informatique industrielle - crédits supplémentaires entre 30 et 60

BA en informatique, orientation réseaux et télécommunications - crédits supplémentaires entre 30 et 60

BA en informatique, orientation sécurité des systèmes - crédits supplémentaires entre 30 et 60

BA en informatique, orientation technologies de l'informatique - crédits supplémentaires entre 30 et 60

Les enseignements supplémentaires éventuels peuvent être consultés dans [le module complémentaire](#).

Type court



Entity

Structure entity  
Denomination  
Faculty  
Sector  
Acronym  
Postal address

SST/EPL/INFO  
(INFO)  
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INFO  
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Jury

- Président du Jury: [Claude Oestges](#)
- Secrétaire du Jury: [Cristel Pelsser](#)

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