

# **Computer science Mathematics Bachelor degree**



**Faculté des Sciences  
& Techniques**

Le Mans Université



The Computer Science-Mathematics double degree is a selective program. It is open to students with a baccalauréat, or to those with an equivalent high school diploma. A general baccalauréat with a mathematics specialization is strongly recommended. The NSI specialization may also be an advantage. In practice, students enroll for both the mathematics and computer science bachelor's degrees.

The course lasts 3 academic years. Each teaching unit (UE), associated with European credits (ECTS), is taught in the form of lectures (CM), tutorials (TD) and/or practical work (TP). The UEs are grouped into blocks of knowledge (BCC), indicated below by color code. The organization of the double degree has been adapted so as not to double the number of hours, as some UEs count towards both degrees. Cross-disciplinary courses (in blue) are specific to the double degree.

The 60 ECTS that make up each year of the Mathematics and Computer Science bachelor's degrees must be validated in order to pass. Passage to the following year of the double-licence is conditional on validation of the blocks and achievement of the annual average. At the end of Licence 3, the student obtains the following qualifications

180 ECTS for each course and the two diplomas: mathematics and science.

## Bachelor 1

Calcul Maths.	5	Linear algebra 1	4
Static Web	2,5		

English

2

English

2

fall

spring

Numerical series and probability	5	Multiple and numerical integrals	2

### Bachelor 3

Functional analysis	5	Differential equations	
Graph theory	5	Complexity	4

The Maths-Info double degree gives access to selective high-level training courses. This double degree opens up a wide range of opportunities for further study in engineering schools or masters programs in mathematics and/or computer science. In particular, the choice of this double degree is particularly relevant for pursuing to **the Computer Science** - AI course or the **Actuarial Science course** at the University of Le Mans.

# How do I register?

## 1 - January :

enter your 10 wishes on the [ww.parcoursup.fr](http://ww.parcoursup.fr) website

## 2 - Late May :

posting of admission proposals and choice of candidates.

## 3 - July :

registration as soon as you have obtained your baccalauréat results on the "Parcoursup" website and/or on the Le Mans Université website:

[www.univ-lemans.fr](http://www.univ-lemans.fr) section

TRAINING > APPLICATIONS / REGISTRATIONS



**Double-Licence coordinators:** [dl-infomaths@univ-lemans.fr](mailto:dl-infomaths@univ-lemans.fr)

**Website risk institute :**

[ira.univ-lemans.fr](http://ira.univ-lemans.fr)

**Computer science institute**

**website:** [ic2.univ-](http://ic2.univ-lemans.fr)

[lemans.fr](http://lemans.fr) **Student services :**

[sco-sciences@univ-lemans.fr](mailto:sco-sciences@univ-lemans.fr)

+33 2 43 83 32 07

**Referral service :**

[accueil.suioip@univ-lemans.fr](mailto:accueil.suioip@univ-lemans.fr)

02 43 83 30 67

**Le Mans University:**

[www.univ-lemans.fr](http://www.univ-lemans.fr)

**Faculty of Science :**

[sciences.univ-lemans.fr](http://sciences.univ-lemans.fr)

**Le Mans Université**

Avenue Olivier Messiaen

72085 Le Mans Cedex 9