MIF1 – rentrée

www.ens-lyon.fr/DI
To start with

- Second semester abroad
  “ENS Lyon / international / partir à l’étranger”
  Paulo Goncalves
  - deadline: september 15 (!)
  - first thing to do: get in contact with P. Goncalves

- Département des langues
Introducing

Amel Zagrani

secrétariat du Département d’Informatique
Introducing

Boumediene Brikci-Sid

Eugenia Oshurko

Vu Xuan

Harold Yampa
Registration

- ENS Lyon:
  dealt with on sept. 14th and 15th

- UCBL: *for those who were registered @Lyon 1 last year*, go to http://inscriptionweb.univ-lyon1.fr/ starting on sept. 14th
The academical year

**first semester**

14 weeks in total
14 sept.-??

**Toussaint**
25 oct. - 1 nov.

**Hiver**
19 dec. - 3 jan.

Visit EPFL (Lausanne)
to be determined (likely nov.)

**research schools**
7-11 dec.
11-15 jan.
??

**second semester**

10 weeks in total
?? (end jan/beginning of feb - mid may)

**training period**
may – august (11 weeks)

**defense, final jury**
end of august / beginning of september

sept. 14th, 16.00: DI meeting (espace Mérieux)
Courses in computer science

- **first semester**
  - English (FLE)
  - Integrated Project 1 *(mandatory)* (IP1+IP2 = 14 weeks)
  - Performance Evaluation and Networks  [6 ECTS]
  - Compilers and Program Analysis
  - Information Theory
  - Parallel and Distributed Algorithms and Programs
  - Optimisation and Approximation

- **second semester**
  - English (FLE)
  - Integrated Project 2 *(mandatory)*
  - Cryptography and Security  [3 ECTS]
  - Computer Algebra
  - Semantics and Verification
  - Distributed Systems
  - Programs and Proofs
  - Data Bases and Data Mining
  - Computational Complexity
  - Computational Geometry and Digital Images
The rules: credits, grades

- first semester
  - Projet Intégré 1: 3
  - Anglais (FLE): 3
  - 4 courses: 24
- second semester
  - Projet Intégré 2: 3
  - Anglais (FLE): 3
  - 4 courses: 12
- training period: 9

- for each computer science course except Projet Intégré
  \[ \text{NF} = \frac{2}{3} \text{NE} + \frac{1}{3} \text{CC} \]

- research schools:
  - pass or fail (no grade)
- the mean is computed with all courses, provided \( \text{NF} \geq 8 \)

- \( \geq 10 \rightarrow \text{M1 ok} \)
- \( \geq 12 \rightarrow \text{admission into M2@ENSL} \)

- total: 60
<table>
<thead>
<tr>
<th>M1IF 2015-2016 – Emploi du temps semaine 14-18 septembre 2015</th>
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<tbody>
<tr>
<td><strong>LUNDI</strong></td>
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<tr>
<td>8 h 00 à 10 h 00</td>
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<td>10 h 15 à 12 h 15</td>
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<tr>
<td>13 h 30 à 15 h 30</td>
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<td>16 h 00 à 18 h 00</td>
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M1, 2015-2016, useful information

This page gathers useful informations for students following the first year of Master in Computer Science at École Normale Supérieure de Lyon. See here for a description of the M1 year.

Back to school.

Courses will start on september the 14th. See here for a schedule of that week.

A (mandatory) meeting is organised on september 10th, at 15.30, in Amphi I.
The organisation of the year, and several other relevant topics, will be discussed. The venue will be announced later.
There is no dress code.

A meeting of the whole Département d'Informatique will take place on monday, sept. the 14th, at 16.00, in atrium Mérieux (not far from the fountain on the round square next to the Monod site of ENS).

First semester.

Relevant (but possibly incomplete) information available at:

http://www.ens-lyon.fr/DI/?p=4081&lang=en
To do — first weeks

- follow all courses, choose afterwards

put the “fiche de choix de modules” in my mailbox
(3d floor, between the north and south parts of the building)

for tuesday, sept. the 29th, at noon

- find it on ens-lyon.fr/DI
- arrange a meeting with your tutor, discuss with me if necessary
  - tutors: announced on sept. 14th, mostly like last year
- write to me for particular choices (maths, philosophy, etc.)
- tell me before the 28th if there will be a delay
  (doubts, tutor out of town…)
- trouble if you are not on time
Modus vivendi

▶ organigramme

N. Trotignon  DI

A. Benoit  Master (and M2)

A. Zagrarni  ministre de l’administration

P. Goncalves  ministre des affaires étrangères

D. Hirschhoff  ministre du M1

... ministre de...

(LSH, Lyon1, INSA, ...)

▶ various informations

http://www.ens-lyon.fr/DI/?p=3399

▶ I receive the emails on  m1if.2015-2016.etudiants@ens-...

▶ there are possibilities for soutien (catch up)

  · contact the corresponding teacher + me

▶ je voudrais deux délégus

▶ you are supposed to attend courses and TDs

▶ get in touch with me (for anything) via email

▶ you are supposed to read and answer your email @ens-lyon

  · changes in the schedule, (official status)
  · tell whenever you will have to miss some courses/TDs, ...
Various — this year

- le diplôme de l’ENS Lyon
  find relevant information on the portail des études de l’ENS Lyon
- concours ENS Cachan
  If you plan to apply, please keep me informed
- préparation à l’agrégation
  let’s work with double negations \((\neg\neg A \Rightarrow A)\)

Who is not certain that she/he won’t follow the préparation à l’agrégation next year?
Qui ne sait pas de manière définitive qu’il/elle ne préparera pas l’agrégation l’an prochain?
This year, and the future
Internship, next year

- internship
  - research
    - ≥ 11 weeks, abroad or in industry
    - there will be a meeting dedicated to the internship
    - person in charge: F. Vivien

- next year
  - M2
    - here
    - or elsewhere (e.g.: robotics, machine learning, networks, etc.)
  - or préparation à l’agrégation
  - or something else
Goals during this year

- you are students
  - the curriculum is rather rigid
  - we view our M1 (.1) courses as basic stuff

- most of you will eventually become researchers
  - SIESTE (students seminar)
  - research schools 1 week, 24 hours
  - *training period*
  - get deeper into a subject: take initiatives, involve your teachers
    - e.g. reading group
Some advice

- one might like several scientific subjects (or none)
- one might be unsure whether research is the future
- one might quite busy with students life

- the training period a very good pretext to think about your future
  - warning: it might not be that easy
    - to decide for a subject
    - to find a training period
    - to live abroad for 3 months
  - waiting for us to put pressure on you is not a good solution

- try not to hurry being narrow-minded
- let’s meet and talk