

MIF1 – rentrée

`www.ens-lyon.fr/DI`

To start with

- ▶ centre des langues
Véronique Rancurel

- ▶ diplôme de l'ENS de Lyon
Damien Stehlé

Who you are

- ▶ some of you were here last year

AMBAL Guillaume BADIN DE MONTJOYE Xavier BERTRAND Meven CERDA Rémy DERUMIGNY
Nicolas DESBOIS Etienne ELGHAZI Redouane GAZIELLO Yannis GUILMANT Quentin GÜRPINAR
Emirhan GUY Martin HAZARD Emile KERINEC Emma LAMBILLIOTTE Antonin LECUYER Fabrice
MAHMOUD-LAMY Pierre MANGOLD Paul MARTIN Alexandre MENET Hugo PAULIN Loïs PELLERIN
Rémi PINSON Nicolas POLET Pierre-Etienne PREBET Enguerrand RAGEL Thomas SIGNARGOUT
Hippolyte STERIN Tristan

- ▶ others joined us, for the M1 year or for the semester

COUDERT Rémi JOVICIC Vladan MAHMOD Shad MAKARIC Vladimir NGUYEN Thi Viet Ha
PHILIBERT Manon SINTIARI Ni Luh Dewi

Second semester abroad

www: “ENS Lyon / international / partir à l'étranger”

- ▶ deadline: sept. 15th
- ▶ first thing to do: get in contact *very quickly* with Natacha Portier

it's too late, basically, except if you somehow already prepared for it

Registration

- ▶ ENS Lyon: already dealt with
(tell me if it's not so)
- ▶ UCBL
 - ▶ you were here last year
go to <http://inscriptionweb.univ-lyon1.fr/>
and see the email forwarded by Redouane Elghazi yesterday evening
 - ▶ you just arrived
 - ▶ you should have the documents filled already
 - ▶ go there *together*, on thursday 15th (*or on friday 16th*),
at 13h00 (buy a sandwich)
is thursday 13h ok?

- France
- English

- Home
- Academic programs
- Bachelor of Science
- Master 1
- Master 2
- Agrégation
- Admissions
- Student seminar
- Research schools
- Partnership Hanoi
- Contacts

Practical information

2016-2017

- Ecoles de recherche
- Ecoles de recherche (Lyon)
- Ecoles de recherche (Sophia-Antipolis)
- Informations L3
- Informations M1
- Informations M2
- Documents
- Informations générales
- Soutenir le DI

« [ER01: Scientific methodology and performance evaluation for computer scientists \(28/11/2016 - 2/12/2016\)](#) »

[Rules of the Master – 2016-2017](#) »

M1 2016-2017, 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. [Here](#) for the rules of the game.

Back to school.

A (**mandatory**) meeting is organised on sept. 13th, at 14h30, in amphi B. The organisation of the year, and several other relevant topics, will be discussed.

A meeting of the whole Département d'Informatique will take place on monday, sept. 19th, at the Maison des Mathématiques et de l'Informatique, next to the round square which is close to the Monod site of ENS).

First semester.

[Here](#) is the schedule for the first courses, starting from september 14th. Here is the typical schedule for the semester.

Here is the typical week for the first semester, which will serve as a reference starting on sept. the 14th. Be aware that along the semester, local changes to the schedule may apply.

[Here](#) is the "fiche de choix de modules", to be printed, signed with your tutor, and given to D. Hirschhoff, before sept. the 27th, at noon (write an email in advance if you know that you'll be late, for some reason).

Partiels (midterm exams) of which I am aware of (beware, this list is not necessarily exhaustive — refer to the teachers for the full information): APPD, october 26th, 13h30-15h30.

Latest news

- (Français) Poste d'ATER pour 2016-2017
April 5, 2016
- Amphère excellence scholarships
December 9, 2014
- Laptop loans
September 8, 2014

Relevant (but possibly incomplete) information available at:

<http://www.ens-lyon.fr/DI/?p=4590&lang=en>

Courses in computer science

▶ first semester

- ▶ English (FLE)
- ▶ Integrated Project 1 (mandatory) (IP1+IP2 = 14 weeks)
- ▶ Performance Evaluation and Networks
- ▶ Compilers and Program Analysis
- ▶ Information Theory
- ▶ Parallel and Distributed Algorithms and Programs
- ▶ Optimisation and Approximation

6 ECTS

▶ second semester

- ▶ English (FLE)
- ▶ Integrated Project 2 (mandatory)
- ▶ Cryptography and Security
- ▶ Computer Algebra
- ▶ Semantics and Verification
- ▶ Distributed Systems
- ▶ Programs and Proofs
- ▶ Data Bases and Data Mining
- ▶ Computational Complexity
- ▶ Computational Geometry and Digital Images
- ▶ Machine Learning

3 ECTS

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 27th, at noon

- ▶ find it on ens-lyon.fr/DI
- ▶ arrange a meeting with your tutor, discuss with me if necessary
 - ▶ tutors: announced on sept. 19th, mostly like last year
contact your tutor on the 20th
- ▶ write to me for particular choices (maths, philosophy, etc.)
- ▶ tell me *before the 26th* if there will be a delay
(doubts, tutor out of town...)

sept. 19th, 16.00: DI meeting, MMI (Maison des Mathématiques et de l'Informatique)

First semester — warnings

- ▶ the first semester is intensive and tough
 - ▶ according to most of last year's students
 - ▶ not much choice for the courses
 - ▶ big pressure towards the end of the semester
- ▶ organisation:
 - ▶ midterm exams: during the “week” oct.24–nov.4
 - ▶ there are possibilities for *soutien* (catch up)
 - contact the corresponding teacher + me
 - ▶ rely on your *délégués* if too many deadlines collide
 - ▶ anticipate as much as possible (10 days ahead = too late)
 - ▶ following 5 courses in computer science can be a good choice, but not always
- ▶ things get smoother in the second semester
- ▶ things get lovely during the summer internship

The academical year

first semester

14 weeks in total

14 sept.- ? feb.

Toussaint

27 oct. - 2 nov.

Hiver

17 dec. - 2 jan.

research schools

28 nov-2 dec.

16-20 jan.

23-27 jan.

second semester

10 weeks in total

(feb - may)

training period

may – august (11 weeks)

defense, final jury

end of august / beginning of september

The rules: credits, grades

- ▶ first semester
 - ▶ Projet Intégré 1 **3**
 - ▶ Anglais (FLE) **3**
 - ▶ 4 courses **24**
 - ▶ 2 research schools **3**
 - ▶ second semester
 - ▶ Projet Intégré 2 **3**
 - ▶ Anglais (FLE) **3**
 - ▶ 4 courses **12**
 - ▶ training period **9**
- ECTS in total **60**

- ▶ for each computer science course except Projet Intégré
 $NF = \frac{1}{2}NE + \frac{1}{2}CC$
- ▶ research schools: pass or fail (no grade)
- ▶ the mean is computed with all courses,
provided $NF \geq 8$
- ▶ $\geq 10 \rightarrow$ M1 ok
- ▶ $\geq 12 \rightarrow$ admission into M2@ENSL

Modus vivendi

- ▶ organisation

N. Trotignon DI

A. Benoit Master (and M2)

A. Zagrarni

ministre de l'administration

N. Portier

ministre des affaires étrangères

D. Hirschhoff

ministre du M1

...

ministre de ...

(LSH, Lyon1, INSA, ...)

- ▶ various informations

<http://www.ens-lyon.fr/DI/?p=4590>

- ▶ I receive the emails on `m1if.2016-2017.etudiants@ens-...`

- ▶ two class representants?

- ▶ 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)

- ▶ and **write** as well

 - tell whenever you will have to miss some courses/TDs, ...

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 (robotics, machine learning, networks, vision, . . .)
 - ▶ or préparation à l'agrégation
 - ▶ or something else

Various — this year and next year

- ▶ concours ENS Cachan
if you plan to apply, please send me an email
- ▶ préparation à l'agrégation
- ▶ validation de modules FEADéP (cf. email)
warning : the weekly schedule for the second semester is extremely *dense*
- ▶ grands corps de l'état
get in touch with Philippe Audebaud

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)
next tuesday: slides in english, speaks french
 - ▶ 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

To sum up

- ▶ register at UCBL
- ▶ choose your english course
- ▶ follow all courses for the moment, starting tomorrow
- ▶ meet your tutor on sept. 19th
- ▶ choose your courses for sept. 27th
- ▶ those of you who were invited for a boat trip: meet me after this meeting

Fall 2014 2014, choix de premier semestre

COURS	EN	FR	ES
	EN	FR	ES
	EN	FR	ES
	EN	FR	ES
	EN	FR	ES
	EN	FR	ES
	EN	FR	ES
	EN	FR	ES

Questions?