

MIF1 – rentrée

`www.ens-lyon.fr/DI`

To start with

Centre des langues

Véronique Rancurel

Who you are

- ▶ some of you were here last year
- ▶ others joined us

 Français
 English

Home
Academic programs
Bachelor of Science
Master 1
Master 2
Agrégation
ENS diploma
Admissions
Student seminar
Research schools
Double Diploma with EPFL
Partnership Hanoi
Woman computer scientists
Contacts

Practical information

Soutenir le DI
Documents
Informations générales
Stages
2016-2017
Informations L3
Informations M1
Informations M2
Ecoles de recherche
Ecoles de recherche (Lyon)
Ecoles de recherche (Sophia-Antipolis)
2017-2018
Informations L3
Informations M1
Informations M2

[How to build an inclusive conference](#) >

M1 2017-2018

This page gathers useful informations for students following the first year of Master in Computer Science at Ecole 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. 8th, at 9h00, in amphi B](#). The organisation of the year, and several other relevant topics, will be discussed. There will also be two courses on that day (Integrated Project and Optimisation&Approximation), the second one will finish at 15h30 — see below, "First semester".

See [here](#) about the administrative procedure to register at ENSL. Students who were at ENSL in L3 will register on monday, sept. 11th. There will also be some exercise sessions on that day.

Schedule: stay tuned for a schedule for the first days (starting on sept. 8th), and for the typical weekly schedule.

Slides of the presentations (to be provided): general presentation, language department.

A meeting of the whole Département d'Informatique will take place on [\(to be defined\)](#).

First semester.

[Here](#) is the schedule for the first courses (sept. 8th-15th).

[Here](#) is the typical schedule for the first semester. Nota: local modifications can occur along the semester.

Holidays: from oct. 28th to nov. 5th, and from dec. 23th to jan. 7th.

(this is intentionally in french) Si vous envisagez de préparer l'agrégation de mathématiques l'an prochain, il est conseillé de valider un module dès cette année. Voir [cette page](#) pour cela.

Research schools.

Information to be provided here.

Latest news

Room booking
December 17, 2016
(Français) Poste d'ATER pour 2017-2018
April 5, 2016
Ampère excellence scholarships
December 9, 2014
Laptop loans
September 8, 2014

Relevant (but possibly incomplete) information available at:

<http://www.ens-lyon.fr/DI/?p=5094&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

Starting today

Lundi 11 septembre 2017

**NORMALIENS (Elèves et Etudiants) DEJA PRESENTS
A L'ENS EN 2016-2017
POUR UNE RE-INSCRIPTION EN M1**

⊕	Normaliens Elèves et Normaliens Etudiants déjà inscrits à l'ENS en 2016-2017 s'inscrivent en année supérieure sous réserve de résultat de jury de passage en année supérieure. (plan d'études validés)	F01 Littéraires F02 Scientifiques
08h30 10h30	A à C D à H (Interruption de 12h30 à 13h30)	
13h30 15h00 – 16h30	I à N O à Z	

M1 IF - EMPLOI DU TEMPS RENTRÉE, sept. 2017

VENDREDI 8	LUNDI 11	MARDI 12	MERCREDI 13	JEUDI 14	VENDREDI 15
9h00 Réunion de rentrée (obligatoire) Amphi B	8 h 00 à 10 h 00	8 h 00 à 10 h 00 PI Amphi B	8 h 00 à 10 h 00	8 h 00 à 10 h 00	8 h 00 à 10 h 00
10 h 15 à 12 h 15 OA Amphi B	10h à 12h15 TP APPD salle E001	10 h 15 à 12 h 15 IT Amphi B	10 h 15 à 12 h 15 APPD Amphi B	10 h 15 à 12 h 15 TP CAP salle E001	10 h 15 à 12 h 15 TD EPR salles B1 et B2
13 h 30 à 15 h 30 PI Amphi H	13h30 à 15h45 TD OA salles B1 et B2	13 h 30 à 15 h 30 EPR Amphi B	13 h 30 à 15 h 30 CAP Amphi B	Célébration 250 ans ENSL	13 h 30 à 15 h 30 OA amphi à déterminer
			15h45 à 17h 45 IT Amphi B		

Registration

- ▶ ENS Lyon
either next monday, or you already dealt with it

- ▶ UCBL (Université Claude Bernard Lyon 1)
to be announced (watch your email)

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)

- ▶ find it on the www page for the M1
- ▶ arrange a meeting with your tutor, discuss with me if necessary
 - ▶ your tutor is the same as last year if you had one
 - ▶ if not, you'll know soon, treat me as your tutor in the meantime if necessary
contact your tutor **early enough**
- ▶ **write to me** for particular choices (maths, philosophy, etc.)
- ▶ tell me *before the 25th* if there will be a delay
(doubts, tutor out of town...)

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: most of them during the week nov. 6-10
 - 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
 - ▶ there are possibilities for *soutien* (*catch up*)
- ▶ things get smoother in the second semester
- ▶ things get lovely during the summer internship

Some interesting discussions

sept. 18th, 16h00: DI meeting, bâtiment Buisson

Modus vivendi - people in charge, means of communication

- ▶ organisation

N. Trotignon DI

Y. Robert Master (and M2)

K. Bangoura

A. Zagarni

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=5094&lang=en>

- ▶ I receive the emails sent on `mlif@ens-lyon.fr`

- ▶ two class representants?

let us meet at some point

Modus vivendi - keep in mind that...

- ▶ 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
(this has an official status)
 - changes in the schedule, ..
 - projects due, midterm exams, ..
- ▶ and **write** as well
 - tell in advance whenever you will have to miss some courses/TDs, ...

This year, and the future

The academical year

first semester

14 weeks in total

8 sept.- 22 dec. (+ exams in january)

Toussaint

28 oct. - 5 nov. [ANTHROPOCENE]

Hiver

23 dec. - 7 jan.

exams

8-12 jan.

research schools

. sometime in november-december

. 15-19 jan.

. 22-26 jan.

second semester

10 weeks in total

(jan – may)

training period

may – august (≥ 11 weeks)

defense, final jury

end of august / beginning of september

Courses in computer science, both semesters

▶ 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

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 $NF \geq 8$

Next semester, internship

- ▶ second semester abroad

“ENS Lyon / international / partir à l'étranger / Erasmus : études ou stage en Europe”

- ▶ 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

- ▶ 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, . . .)
- ▶ préparation à l'agrégation
 - ▶ validation de modules FEADéP (cf. email)
 - ▶ warning : the weekly schedule for the second semester is extremely *dense*
 - ▶ please send me an email if you *might* consider doing this next year
- ▶ grands corps de l'état
 - get in touch with Philippe Audebaud
- ▶ concours ENS Cachan
- ▶ or something else

Goals during this year

- ▶ you are students
 - ▶ the curriculum is rather rigid
 - ▶ we view our M1.1 courses as basic/ground 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

- ▶ choose your english course
- ▶ follow all courses for the moment, starting today
- ▶ choose your courses for sept. 26th
- ▶ stay tuned for enrollment at UCBL

Questions?