

**Examination Regulation  
of the M2 Data&Knowledge  
of Paris-Saclay University  
(Version 2017-05-06)**

## **Data&Knowledge**

The M2 Data&Knowledge is a second-year Master's program at Paris-Saclay University.

The reference institute of the program is Télécom ParisTech.

The reference institute designates (1) a study inspector (currently: Camille Charton) , (2) an internship coordinator (currently: Marion Turgis), and (3) one or more program coordinators (currently: Fabian Suchanek and Nicole Bidoit).

The program coordinators establish an admission jury, which consists of at least the program coordinators.

The language of the program is English.

The duration of the program is one year.

The Web page of the program can be found via the [Web Page of Paris-Saclay University](#). It is maintained by the program coordinators.

The "Règlement des études des masters de l'Université Paris-Saclay" applies in addition to the present regulation.

## **Students**

The admission jury decides which of the students who apply for the program are admissible.

One condition for being admissible is having completed at least 4 years of ternary study in Computer Science or a related field (in France: Bac+4).

An admissible candidate becomes a *student* of the program, if he/she has (1) registered in the proper Paris-Saclay establishment (see [Web Page of Paris-Saclay University](#)), (2) registered with the study inspector and (3) paid any associated fees. All of this has to happen for the current year of study, and before the second week of the start of the current year of study. Exceptions can be granted by the study coordinators in agreement with the reference institute and study coordinator.

The study inspector maintains the list of students.

If a student does not participate regularly in the program for one period, their inscription can be revoked. The rules that the reference institute has put in place for its diploma program apply accordingly.

## **Offered Courses**

A *course* is a unit of instruction (typically a sequence of teaching hours, labs, and/or projects) organized by one or several lecturers at Paris-Saclay University.

The program encompasses

- A number of courses called "mandatory"
- A number of courses called "optional"

The courses and their ECTS credit numbers are proposed by the program coordinators, in agreement with the lecturers. The courses are displayed on the Web page of the program.

All obligatory courses will necessarily take place.

The optional courses are not guaranteed to take place (they may or may not start, depending on the number of interested students, and other factors).

One optional course is the "Module Liberté". It is a placeholder for any data-oriented course at Paris-Saclay University, subject to the approval of the program coordinators. A student can follow at most one Module Liberté. The Module Liberté will necessarily take place. The Module Liberté is worth a predetermined number of ECTS credits, no matter how many credits are awarded by the program that offers the course.

Courses typically take place in the first semester of the study year.

Students that are not registered for the program can participate in the courses at the discretion of the lecturer.

## **Examinations**

A course is evaluated by *examinations*. An examination can be a midterm exam, a final exam, projects, homeworks, graded practical labs, presentations or similar items.

Each examination is graded on a 0-20 scale, with 20 being the maximal grade and 10 the passing grade.

The following applies to all courses except for the Module Liberté.

Each course offers two rounds of examinations.

Exams of both rounds take place during predetermined periods.

For each round, the lecturer defines a *grading scheme*, i.e., (1) the examinations that play into the grade of the round and (2) the weight of these examinations for the grade of the round.

The grading scheme of the second round can include examinations from the first round.

The lecturer communicates the grading schemes to the program coordinators before the start of the study year.

The grading schemes are displayed on the Web page of the program at most one month after the start of the study year.

If a student commits a fraud in an examination (including plagiarism), the grade of this examination is zero. If the student copied from another student of the course, the other student also receives a grade of zero for this examination. Upon request by either the students or the lecturer, the case is referred to the jury. The jury can either exonerate the students, or ask the reference institute to apply the sanctions for fraud that it has put in place for its diploma program.

## **Validating a Course**

A student *validates* a course if its grade is greater than or equal to 10/20 in the first round. Students who did not validate the course in the first round (for any reason), or students who wish to abandon the grade of their first round, are admitted to the second round, and validate the course if they achieve a grade greater than or equal to 10/20 there. The results of both

rounds appear in the final transcript of grades. If the student presents a valid excuse for the absence in the first round, the round will be marked as "excused" in the transcript.

After each round, the lecturer communicates the grades to the study inspector. This happens one month after the last examination of the round the latest.

The study inspector maintains the list of grades.

The student has a right to request an explication of their grade from the lecturer.

## **Internship**

The program includes an internship of at least 4 months and at most 6 months.

The internship typically takes place in the second half of the study year.

The internship can take place either in a company or in a research lab, in France or abroad.

The student is responsible for finding an internship. The choice of internship has to be validated by the program coordinators.

The host institution of the internship designates an *internship advisor*, who supervises the student during the internship.

The student finds a *scientific advisor*, i.e., a lecturer of the Data&Knowledge program from Paris-Saclay University, who is different from the advisor of the internship.

The student establishes a written internship agreement with the host institution through the internship coordinator.

The scientific advisor mediates in case of disagreement between the student and the internship advisor.

The student follows the internship, and finishes with an internship report and a defense. The defense is organized together with the scientific advisor and the internship advisor. Other internship advisors can participate in the defense, unless requested otherwise by the host institution.

The internship is graded by the scientific advisor in coordination with the internship advisor, by taking into account the quality of the work, the report, and the defense.

The internship is validated if the grade of the internship is at least 10/20.

## **Validating the Master's Program**

The student can refuse to have certain courses taken into account for the validation of the master's program.

The master is *validated*, if the student accomplishes all of the following:

1. All mandatory courses have been validated
2. The total number of validated course credits in the program is equal to at least 35 ECTS
3. The master internship has been validated (25 ECTS)

These requirements have to be fulfilled during the first year of study. By way of exception, and with approval by the internship coordinator and the program coordinators, the internship may

exceed the end of the study year, subject to constraints from the reference institute, Paris-Saclay University, and the institute where the student is registered.

The final grade of the master's program is a weighted average of all courses and the internship. The admission jury establishes the final grade and the validation of the program.