



Degree and Course

- LM in Data Science
- Mathematical Methods for Data Science

General indications

- Written exam (first part), oral exam -- R laboratory exam (second part)
- Exams on *Microsoft Teams*

ESSE3

Students will receive the code of the meeting-exam on *Microsoft Teams* by an email sent via ESSE3 two days before the exam

Before the exam

- 1) In the *Team* of the course, the teacher will create a channel named "Exam day month 2020"
- 2) Students will access to the meeting using the code received at the institutional email address (ESSE3). Students are supposed to have a device with webcam able to show the desk, the room and the face. During the written exam, microphones must be switched on
- 3) Candidates with student card or ID document will be admitted to the exam. At the beginning of the exam, students will be asked to show their student card at the webcam or, alternatively, they will send to the teacher's email address a copy of any (valid) ID document
- 4) Candidates should have nothing but writing materials, permitted exam aids on their desk. Permitted exam aids must be placed on the desk for inspection. Candidates will be invited to show the room and the desk. Room is supposed to be empty. Teachers may check these aspects at any time
- 5) Teachers may ask the students to share their screen at any time

Exam

The exam consists of two parts: written and oral-lab

- 1) The first part is devoted to the written exam. All the students simultaneously receive the test of the written exam in the channel *Microsoft Teams* devoted. Every student will be invited to share their screen of their laptop. The written exam lasts 60 minutes. The exercises must be solved on papers. Students are allowed to use R. At the end of the exam, the student will be invited (in alphabetical order) to show their papers at the webcam and then invited to send a picture of their final solutions to the teacher's email address. At the end of the written exam, the teacher will communicate the date of the oral exam. It depends on the number of students who participate at the test. It may be one hour late in the same day or in successive days
- 2) During the oral exam, the students will be called in alphabetical order. Students must show their desk and allow the teachers see their hands writing on papers, and they must be able to move the webcam and pass quickly from their hands to their face for answering oral questions. At the end of the oral exam, students are invited to share their screen and show their ability to use R by reproducing some codes that solve assigned problems

Committee and final rules

- 1) A Committee of teachers will be involved during the exams
- 2) No record is admitted