

Introduction to Mathematical Modeling of Behavior (MATH-463)

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EPFL

Outline

- The team
- Useful information
- Organization of the course
- Organization of the labs
- Project assignment

Introduction to the course



The team



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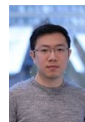
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Useful information

- Course webpage (Moodle):
moodle.epfl.ch/course/view.php?id=1001
 - Self-learning material:
courseware.epfl.ch/courses/course-v1:EPFL+ChoiceModels+2020/course/
 - Exam info (Moodle):
moodle.epfl.ch/mod/page/view.php?id=1028964
- During the semester you will have to submit two assignments.**

Organization of the course

- **Both lectures and labs will take place exclusively online**
- Lectures:
 - Self-learning material (courseware platform)
 - Pre-recorded videos for the remaining weeks
 - “Summary, discussions and examples” sessions (Zoom)
- Labs:
 - Written exercises and computer laboratories
 - Tuesdays 10:15-12:00 (Zoom)
 - Consultation sessions on request via email

“Summary, discussions and examples” sessions

- Interactive sessions in Zoom
- Questions related to the already covered material will be asked



- You can work on your own or in groups (in the same Zoom room)
- TAs will be available on Tuesdays from 10.15 to 12.00
- To pose questions, a Google form will be available during each session (Moodle)
- You will be assigned a TA that will join the Zoom room to help you

Request for an assistant

Form to request the help of an assistant during the practical sessions

Your email address (meritxell.pacheco@epfl.ch) will be recorded when you submit this form. Not you? [Switch account](#) **Your EPFL email address will appear here**

*** Required**

Small description of your problem/question (helps to choose the assistant :-)) *

Your answer

Zoom link *

Your answer

Submit

Organization of the labs

- ① Computer labs using PandasBiogeme (<http://biogeme.epfl.ch>):
 - Work with one dataset
 - Test and interpret the provided example models
 - Specify and interpret your own models
- ② Written exercises
 - Exercises with pen and paper
 - Solutions will be available after the lab

Assignments



- 2 assignments: **20% of the final grade** (10% each)
- Organize yourselves in groups of 4 students (Moodle)
- More information and deadlines under **Graded assignments** in Moodle