

Master of Public Health - (2023-2024)
203 Advanced Module Epidemiology Program

Date: September 05 - October 03, 2023
 Location: **EHESP campus at MSH/Paris Nord**
Amphitheatre and Room xx

Coordinator: Judith Mueller, EHESP
 Teaching assistant (TA): Marion Lecorguillé

This is a schedule for onsite teaching; it can be modified if online classes are required.

| Tuesday, September 05 | Tuesday, September 12 | Tuesday, September 19 | Tuesday, September 26 | Tuesday, October 03 |
|---|---|---|--|---|
| 9.00h-11.00h Lecture 1: Introduction - Measures of frequency and association Judith Mueller | 9.00h-10.30h Lecture 3: Confounding Judith Mueller | 9.00h-10.30h Lecture 5: Diagnostic tests Judith Mueller | 9.00h-10.30h Lecture 7: Introduction to decision analysis Judith Mueller | 9.00h-10.30h Lecture 9: Metaanalysis Jean-Philippe Régnaux |
| 11h.00-12.00h Lab 1 (TA) | 10.30-11.30h Lab 3 (TA) | 10.30-11.30h Lab 5 (TA) | 10.30-11.30h Lab 7 (TA) | 10.30-11.30h Lab 9 (JPR) |
| 12.00h : Lunch | 11.30h-12.30h : Lunch | 11.30h-12.30h : Lunch | 11.30h-12.30h : Lunch | 11.30h-12.30h : Lunch |
| 13.00h-14.30h Lecture 2: Study design and biases Florence Bodeau-Livinec | 12.30h-14.00h Lecture 4: Clinical trials Jean-Philippe Régnaux | 12.30h-14.00h Lecture 6: Development of regression models and sampling Judith Mueller | 12.30h-14.00h Lecture 8: Ecological studies Cindy Padilla | 12.30h-14.00h Lecture 10: Causal inference Emilie Council |
| 14.30h-15.30h Lab 1 (TA) | 14.00h-15.00h Lab 4 (JPR) | 14.00h-15.00h Lab 6 (TA) | 14.00h-15.00h Lab 8 (CP) | 14.00h-15.00h Lab 10 (case study) E. Council and TA |
| 15.30h-16h Q&A: TA | 15.00h-16.00h HW1 correction, Q&A: Two groups JM and TA | 15.00h-16.00h HW2 correction, Q&A: Two groups JM and TA | 15.00h-16.00h HW3 correction, Q&A: Two groups JM and TA | 15.00h-16.00h HW4 correction, Q&A: One group TA |
| <u>To do before next session:</u> Homework 1 & Quiz Read slides and reading (textbook, reading material) for lectures 3,4 | <u>To do before next session:</u> Homework 2 & Quiz Read slides and reading (textbook, reading material) for lectures 5,6 | <u>To do before next session:</u> Homework 3 & Quiz Read slides and reading (textbook, reading material) for lectures 7,8 | <u>To do before next session:</u> Homework 4 & Quiz Read slides and reading (textbook, reading material) for lecture 9 | October 9, afternoon : Exam preparation (2h) |

Logistics:

- Lecture slides and lab material uploaded on REAL one week before the class => students can prepare in their own pace
- Weekly homework submission as a PDF via REAL + graded online quiz on REAL
- 15 minutes break to be taken during the lecture, leaving enough time to start the lab in time