

Master of Public Health - Semester 3 (2024-2025)**223 Module Design & Concepts**

Lecturer and coordinator: Judith Mueller (JM), EHESP

Teaching assistant (TA): Courtney Dow

Date: November 4 - 8, 2024

Location: *to be announced*

see table below for the rooms

Monday, November 4	Tuesday, November 5	Wednesday, November 6	Thursday, November 7	Friday, November 8 61A.2.15
9.00h-10.30h Course introduction Lecture 1: Cohort studies (JM) 10.30h-11.30h Paper discussion 1 (JM)	9.00h-10.30h Lecture 3: Case-control studies (JM) 10.30h-11.30h Paper discussion 2 (JM)	9.00h-10.30h Lecture 5: Handling confounding, mediation (JM) 10.30h-11.30h Paper discussion 3 (JM)	9.00h-10.30h Lecture 7: Effect modification (JM) 10.30h-11.30h Paper discussion 4 (JM)	9.00h-10.00h Paper discussion 5 (JM) 10.00h-11.30h Lecture 9: Transferring concepts into statistical models (TB)
11.30h: Lunch	11.30h: Lunch	11.30h: Lunch	11.30h: Lunch	11.30h: Lunch
12.30h-14.00h Lecture 2: Information bias and misclassification (JM) 14.00h - 16.00 Lab 1 and 2 (TA)	12.30h-14.00h Lecture 4: Selection bias (JM) 14.00h - 16.00 Lab 3 and 4 (TA)	12.30h – 14.00h Lecture 6: Introduction to Directed acyclic graphs (DAGs) and causal inference frameworks Tarik Benmarhnia 14.00h - 16.00 Lab 5 (TA) and 6 (TB and/or TA)	12.30h-14.00h Lecture 8: Randomized trial designs, Evidence-based (JM) 14.00h - 16.00 Lab 7 and 8 (TA)	12.30h - 13.30 Lab 9 (TB and/or TA) 14-16h: Lecture 10: Introduction to survival analysis, outlook Lab 10 (JM)