

Tuesday, September 1	Tuesday, September 8	Tuesday, September 15	Tuesday, September 22	Tuesday, September 29
9.30h-11.00h Lecture 1: Introduction - Measures of frequency and association - Interpretation of statistical significance Judith Mueller 11.00h-12.00h Individual work on lab 1 12.00h-12.30h Q&A on lab 1	9.30h-10.30h Lecture 3: Study design and biases Florence Bodeau-Livinec 10.30h-11.30h Individual work on lab 3 11.30h-12.30h Q&A on lab 3	9.30h-10.30h Lecture 5: Validity and strategies to control confounding Judith Mueller 10.30h-11.30h Individual work on lab 5 11.30h-12.30h Q&A on lab 5	9.30h-10.30h Lecture 7: Introduction to decision analysis Judith Mueller 10.30h-11.30h Individual work on lab 7 11.30h-12.30h Q&A on lab 7	9.30h-10.30h Lecture 9: Metaanalysis Jean-Philippe Régnaux 10.30h-11.30h Individual work on lab 9 11.30h-12.30h Q&A on lab 9
12.30h : Lunch	12h30 : Lunch	12h30 : Lunch	12h30 : Lunch	12h30 : Lunch
13.30h-14.30h Lecture 2: Causal inference Emilie Council 14.30h-15.30h Individual work on lab 2 (case study) 15.30h-16.30h Q&A on lab 2	13.30h-14.30h Lecture 4: Diagnostic tests Judith Mueller 14.30h-15.30h Individual work on lab 4 15.30h-16.30h Q&A on lab 4	13.30h-14.30h Lecture 6: Ecological studies Cindy Padilla 14.30h-15.30h Individual work on lab 6 15.30h-16.30h Q&A on lab 6	13.30h-14.30h Lecture 8: Clinical trials Jean-Philippe Régnaux 14.30h-15.30h Individual work on lab 8 15.30h-16.30h Q&A on lab 8	13.30h-14.30h Lecture 9: Outlook on advanced issues Judith Mueller 14.30h-16.30h Q&A Module Wrap-up and Exam preparation Judith Mueller
<u>To do before next session:</u> Homework 1 online Read slides for lectures 3,4 Read text book on content of lectures 3,4	<u>To do before next session:</u> Homework 2 online Read slides for lectures 5,6 Read text book on content of lectures 5,6	<u>To do before next session:</u> Homework 3 online Read slides for lectures 7,8 Read text book on content of lectures 7,8	<u>To do before next session:</u> Homework 4 online Read slides for lectures 9 Read text book on content of lecture 9	

Logistics:

- Lecture slides and lab material (questions + answers) uploaded on REAL 1-2 weeks before the class => students can prepare in their own pace; lecture given in lecture room or via Zoom
- Individual work on lab material in distance via Zoom or in lecture room => students may collaborate if possible and if they like to do so
- Q&A session either in lecture room or via Zoom; Via Zoom, students are expected to submit their questions through the chat, the lecturer will address them in order of arrival
- Homeworks will be internet-based. Grading (20% of class note) will be based on a MCQ, but students are expected to submit the formulas and other reasoning that can be commented by the lecturer, especially for students with low grades.
- An additional chat session with Judith Mueller will take place on Wednesdays September 2, 9, 16, 23 and 30, 12h-13h via Zoom. Students can ask questions either via the chat or by voice, depending on the number of participants.