

Master of Public Health - Semester 3 (2021-2022)

223 Module Design & Concept

Lecturer and coordinator: Judith Mueller, EHESP

Teaching assistant: Courtney Dow

Date: November 8 - 12, 2021

Location: Amphitheatre EHESP, 20 avenue George Sand, La Plaine St Denis **Room 401**

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

Monday, November 8	Tuesday, November 9	Wednesday, November 10	Thursday, November 11	Friday, November 12
<p>9.00h-11.00h Course introduction</p> <p>Lecture 1: Cohort studies, RCTs, survival analysis</p> <p>11.00h-12.00h Lab 1</p>	<p>9.00h-10.30h Lecture 3: Case-control studies</p> <p>10.30h-11.30h Lab 3</p> <p>11.30h-12.00h Q&A</p>	<p>9.00h-10.30h Lecture 5: Directed acyclical graphs Florence Bodeau-Livinec</p> <p>10.30h-11.30h Lab 5</p> <p>11.30h-12.00h Q&A</p>	<p>Bank holiday (Armistice)</p> <p>There is no class during this day, but you are expected to read course material.</p>	<p>9.00h-10.30h Lecture 7: Handling confounding (Mantel-Haenszel, multivariate analysis, matching)</p> <p>10.30h-11.30h Lab 7</p> <p>11.30h-12.00h Q&A</p>
12.00h : Lunch	12h00 : Lunch	12h00 : Lunch		12h00 : Lunch
13.00h-13.30h: Q&A Lecturer	13.00h-13.30h: Q&A Lecturer	13.00h-13.30h: Q&A Lecturer		13.00h-13.30h: Q&A Lecturer
<p>13.30h-15.00h Lecture 2: Information bias and misclassification</p> <p>15.00h-16.00h Lab 2</p>	<p>13.30h-15.00h Lecture 4: Selection bias</p> <p>15.00h-16.00h Lab 4</p>	<p>13.30h-15.00h Lecture 6: Effect modification (interaction), mediation</p> <p>15.00h-16.00h Lab 6</p>		<p>13.30h-15.00h Lecture 8: Advanced designs (survival analysis, case-cross-over, clustering)</p> <p>15.00h-16.00h Module Wrap-up and Exam preparation</p>

<p><u>To do before this session:</u> Read text book on content of lectures 1, 2</p> <p><u>To do before next session:</u> Read text book on content of lectures 3,4 Recommended reading: 2 articles</p>	<p><u>To do before next session:</u> Read text book on content of lectures 5,6 Recommended reading: 2 articles</p>	<p><u>To do before next session:</u> Read material (slides) on causality, cross-sectional design, representative sampling Recommended reading: 2 articles</p>	<p><u>To do before next session:</u> Read text book on content of lectures 7,8 Recommended reading: 2 articles</p>	<p><u>After this session:</u> Recommended reading: 2 articles</p>
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