## Course Details

**Master of Public Health - Semester 1**  
Advanced Core Module 204 - Biostatistics - MPH - M2 – 2019-2020  
Coordinator: Prof. Pascal Crépey

### Weekly Schedule

**Amphitheater (morning) + Rooms (afternoon) Gde salle RDC (tutoring) EHESP 20 Av George Sand LA PLAINE ST DENIS**

<table>
<thead>
<tr>
<th>Wednesday September 4</th>
<th>Wednesday September 11</th>
<th>Wednesday September 18</th>
<th>Wednesday September 25</th>
<th>Wednesday October 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:00-9:20 Program presentation</td>
<td>9:00-9:20 weekly recap</td>
<td>9:00-9:20 weekly recap</td>
<td>9:00-9:20 weekly recap</td>
<td>9:00-9:20 weekly recap</td>
</tr>
</tbody>
</table>
| 9:20-11:00 Introduction to regression modelling  
*Pascal Crépey (PC)* | 9:20-11:00 Sample size and power calculation  
*Pascal Crépey* | 9:20-11:00 Effect modifier  
*Séverine Deguen* | 9:20-11:00 Goodness of fit and model building  
*Séverine Deguen* | 9:20-10:30 Sensitivity analysis  
*Pascal Crépey* |
| 11:00-12:00 Logistic regression in “real life”  
*Jean-Baptiste Combes (JBC)* | 11:00-12:00 Sample size in “real life”  
*Jean-Baptiste Combes* | 11:00-12:00 Effect modifier in “real life”  
*Jean-Baptiste Combes* | 11:00-12:00 Model building in “real life”  
*TBD* | 10:30-12:00 Summary of the lectures  
*Q & A*  
*Pascal Crépey* |

**Lunch**

<table>
<thead>
<tr>
<th>12:00 Lunch</th>
<th>12:00 Lunch</th>
<th>12:00 Lunch</th>
<th>12:00 Lunch</th>
<th>12:00 Lunch</th>
</tr>
</thead>
</table>
| 1:00-2:30 Exercises with Stata/R  
PC, JBC, TBD | 1:00-2:30 Exercises with Stata/R  
PC, JBC, TBD | 1:00-2:30 Exercises with Stata/R  
PC, JBC, TBD | 1:00-2:30 Exercises with Stata/R  
PC, JBC, TBD | 1:00-2:30 Exercises with Stata/R  
PC, JBC, TBD |
| 2:30-4:00 Group project  
PC, JBC, TBD | 2:30-4:00 Group project  
PC, JBC, TBD | 2:30-4:00 Group project  
PC, JBC, TBD | 2:30-4:00 Group project  
PC, JBC, TBD | 2:30-4:00 Group project  
PC, JBC, TBD |
| 4:00-5:30 Tutoring session  
PC | 4:30-5:30 Tutoring session  
PC | 4:30-5:30 Tutoring session  
PC | 4:30-5:30 Tutoring session  
PC | 4:30-5:30 Tutoring session  
PC |

**Please note that some small changes could occur**