Theory	Date	In class time	In class time2 (optional)	Topic of the Day	Practicals: Due Date and Description	
Salle 11 (B23 RDC)	9 February	13-15		CH1: Setting the Pace		
Salle 11 (B23 RDC)	16 February	13-15		CH2: Introduction to Genetics; Introduction to R	**HW1 due 4 March**	data extraction/exploration
Salle 11 (B23 RDC)	23 February	13-15		CH3: Different Faces of Genetic Epidemiology		
Salle 11 (B23 RDC)	2 March	13-15		CH4: Basic Population Genetics: HWE and LD	**HW2 due 18 March**	population genetics analysis
Salle 11 (B23 RDC)	9 March	12 till 15		CH5: Population-Based Association Studies		
				Population-based association studies using R	HW3 due 1 April	population association analysis
Salle 11 (B23 RDC)	23 March	13-15		Common good practice in genetic association studies		
				Mapping complex disease genes with linkage disequilibrium		
Salle 11 (B23 RDC)	30 March	13-15		CH6: Family-Based Association Studies		
				Family-based association studies using fbat	HW4 due 6 May	family-based association analysis
Salle 11 (B23 RDC)	6 April EASTER	12 till 13		Multi-locus analysis using fbat		
Salle 11 (B23 RDC)	27 April	13-15		CH7: A world of interactions	Exam project is given	
				Gene-gene and gene-environment interactions		
Salle 11 (B23 RDC)	4 May	13-15		Miscellaneous		
?	?	?	exam project (*) / recap			

(*) exam project:

On May 15, I will communicate what the causal SNPs and interacting loci in the data are.
Based on this knowledge, you will now be able to better interprete the findings of the homeworks
The reflection of your summary conclusions and understanding of the analysis results, needs to be written down in a brief report (written exam)
You will have the opportunity to motivate these reflections in person as well (oral exam)

HOMEWORKS COUNT FOR 40% OF MARKS