

Schedule for "Advanced Bioinformatics course" 5MO127, 2021 (v1 210406)

Course leader: Uwe Sauer, Dept. of Chemistry, Computational Life Science Cluster, CLiC,
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Course time: Start Monday, **May 03**, End Friday **June 4, 2021**

Location: zoom <https://umu.zoom.us/j/66214455572> or Guanine, (see schedule).

Note: lunchtime meetings (12:15 – 13:00) are highlighted

Week 18	Monday 03/05	Tuesday 04/05	Wednesday 05/05	Thursday 06/05	Friday 07/05
10:00 – 10:50					
11:00 – 11:50					
12:00 – 13:00	Lunch	Lunch	Lunch	Lunch	Lunch
13:00 – 13:50	Guanine, Mol. Biol. bygn. 6M Course start: Introduction to viral genomes from a bioinformatics point of view. Flowchart for the case.		Guanine Case Meeting: Discussion of layout and programming strategies		
14:00 – 14:50	cont. introduction				

Week 19	Monday 10/05	Tuesday 11/05	Wednesday 12/05	Thursday 13/05 Swedish Holiday	Friday 17/05 Day off
10:00 – 10:50					
11:00 – 11:50					
12:00 – 13:00	Lunch meeting: 12:15 Zoom Case Meeting: discussion of programming strategies	Lunch	Lunch meeting: 12:15 Zoom Case Meeting: discussion of programming strategies		
13:00 – 13:50					
14:00 – 14:50					

Week 20	Monday 17/05	Tuesday 18/05	Wednesday 19/05	Thursday 20/05	Friday 21/05
10:00 – 10:50					
11:00 – 11:50				Guanine Case Meeting: Updating the flowchart and discussion of programming strategies	
12:00 – 13:00	Lunch meeting: 12:15 Zoom Case Meeting: Updating the flowchart and discussion of programming strategies	Lunch	Lunch	Lunch	Lunch
13:00 – 13:50					
14:00 – 14:50					

Week 21	Monday 24/05	Tuesday 25/05	Wednesday 26/05	Thursday 27/05	Friday 28/05
10:00 – 10:50					
11:00 – 11:50	Guanine Case meeting: Program should be working. Suggest PCR primers (Ordering of PCR primers)				Guanine Case meeting: Discussing the progress of the reports.
12:00 – 13:00	Lunch	Lunch	Lunch	Lunch	Lunch
13:00 – 13:50					

Week 22	Monday 31/05	Tuesday 01/06	Wednesday 02/06	Thursday 03/06	Friday 04/06
10:00 – 10:50					
11:00 – 11:50	Uwe's Lab KBC Floor 4: Wet lab run PCR reactions and prepare agarose gel.		Guanine Case meeting: Final discussions and finishing of reports. Send reports to Uwe by e-mail.		Guanine Oral presentation of final results and demonstration of working version of the program(s)
12:00 – 13:00	Lunch	Lunch	Lunch	Lunch	Lunch
13:00 – 13:50	Uwe's Lab KBC Floor 4: Wet lab run PCR fragments on agarose gel.				
14:00 – 14:50					