Experimental Methods in Chemistry Course 2024 (5 hp)

I
Re-exam: 2024-12-16

		9-12	13-16
v 41	9/10	Introduction (MN) - K441-K447 Reading a scientific paper (MN)	Reading
	10/10	Reading	
	11/10	Reading	
v 42	14/10	Lecture on NGS (MF) D358	Tutorial on Bash scripting D358
	15/10	Lecture on yeast screening and ERG pathways (Stefan Åström) D358	Tutorial on DNA-seq yeast variant calling P216
	16/10	Bioinformatics (Pär Lundin) D358	Tutorial on DNA-seq yeast variant calling D358
	17/10	Study time	Tutorial on DNA-seq yeast variant calling P216
	18/10	Study time	Tutorial on DNA-seq yeast variant calling D358 (including plenary discussion about results)
v 43	21/10	Structural biochemistry (RH) K433-K439	Study time
	22/10	Literature seminar K433-K439	Study time
	23/10	Structural biochemistry (RH) K438	Study time
	24/10	Structural biochem data lab (grp A) K343	Structural biochem data lab (grp A) K343
	25/10	Structural biochem data lab (grp B) K343	Structural biochem data lab (grp B) K343
v 44	28/10	Spatial omics (MN) K433-K439	Study time
	29/10	Study time	
	30/10	Cryo_EM lecture and demo (MC) (SciLifeLab, Milky Way in alfa 2)	Site visit Cryo-EM SciLifeLab (MC)
	31/10	9:00-15:00 Examination: K438	
	1/11		

Course coordinator
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Lecturers
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Rebecca Howard (RH), rebecca.howard@dbb.su.se

Literature: Issued material, as well as lecture notes

Examination and grading criteria:
The course includes hand-in assignments and laboratory reports that are to be submitted in a given deadline. The final grade on the course will be the average grade of the given tasks.

Participation in all practical exercises / laboratory exercises is compulsory. Attendance will be registered.

Attendance of the lectures is a requirement for good understanding of the course material and laboratory exercises. The presence in the lectures is taken into account together with the rest assignments at the end of the course.