

Advanced Statistical Physics (NS-370B)					
Date	Time	Activity	Goal	In-Class Exercise	Additional
09 sept. 2024	13:15 to 15:00	lecture	Intro + Ch. 1 + Sects. 2.1 - 2.4		Please review the exercises of NS-204B before starting the course.
09 sept. 2024	15:15 to 17:00	problem class	Q1, Q2, Q3, Q4, Q5		
10 sept. 2024	13:15 to 15:00	problem class	Q6, Q10, Q11, Q13, Q14		
12 sept. 2024	09:00 to 10:45	lecture	Sect. 2.5 + Sects. 3.1 - 3.4	Q12	
12 sept. 2024	11:00 to 12:45	problem class	Q7, Q9, Q15, Q17, Q18		Q16 is dealt with as part of Q59
Date	Time	Activity	Goal	In-Class Exercise	Additional
16 sept. 2024	13:15 to 15:00	lecture	Sect. 3.5 + Sects. 4.1 - 4.3	Q21	
16 sept. 2024	15:15 to 17:00	problem class	Q19, Q20, Q22, Q23, Q24		
17 sept. 2024	13:15 to 15:00	problem class	Q25, Q26, Q27, Q28, Q29		
19 sept. 2024	09:00 to 10:45	lecture	Sects. 4.4 - 4.5		
19 sept. 2024	11:00 to 12:45	problem class	Q30, Q31		
Date	Time	Activity	Goal	In-Class Exercise	Additional
23 sept. 2024	13:15 to 15:00	lecture	Sects. 4.6 & 4.7		
23 sept. 2024	15:15 to 17:00	problem class	Q32, Q33, Q34		
24 sept. 2024	13:15 to 15:00	problem class	catch up on all exercises		Make sure you are up to speed here! Try the exercises of Chapter 5 already.
26 sept. 2024	09:00 to 10:45	lecture	Sects. 6.1 - 6.5		Chapter 5 is a self-study chapter for the second part of the course.
26 sept. 2024	11:00 to 12:45	problem class	Q38, Q39, Q40, Q41, Q42		
Date	Time	Activity	Goal	In-Class Exercise	Additional
30 sept. 2024	13:15 to 15:00	lecture	Sects. 6.6 & 6.7		
30 sept. 2024	15:15 to 17:00	problem class	Q43, Q45, Q46, Q47	Q44	
01 oct. 2024	13:15 to 15:00	problem class	Q48, Q49, Q50		
03 oct. 2024	09:00 to 10:45	lecture	Ch. 7 (except Sect. 7.5)		Section 7.5 is not part of the examinable material.
03 oct. 2024	11:00 to 12:45	problem class	Q51, Q53, Q54, Q55		
Date	Time	Activity	Goal	In-Class Exercise	Additional
07 oct. 2024	13:15 to 15:00	lecture	Ch. 8		I will examine Ch 8 in the final exam, not the midterm
07 oct. 2024	15:15 to 17:00	problem class	Q56, Q57, Q59		Q61 provides a different perspective on mean-field theory, but is optional.
			mid-term last year		Please make sure you are up to speed by the mid-term exam.
08 oct. 2024	13:30 to 16:30	MID-TERM EXAM			Educatorium Alfa (regular) & to be announced (extra tijd)
Chapter 5 is self study! → (make the associated exercises [Q35-Q37] in preparation for final exam)					
10 oct. 2024	09:00 to 10:45	lecture	Ch. 9 (except Sect. 9.5)		Section 9.5 is not part of the examinable material.
10 oct. 2024	11:00 to 12:45	problem class	Q62, Q64, Q65	Q63	
Date	Time	Activity	Goal	In-Class Exercise	Additional
14 oct. 2024	13:15 to 15:00	lecture	Ch. 10 (except Sect. 10.2) & Ch. 12		Section 10.2 and chapter 11 are not part of the examinable material.
14 oct. 2024	15:15 to 17:00	problem class	Q66, Q67, Q68	midterm issues	
15 oct. 2024	13:15 to 15:00	problem class	Q73, Q74		
17 oct. 2024	09:00 to 10:45	lecture	Ch. 13		
17 oct. 2024	11:00 to 12:45	problem class	Q75, Q77, Q78		
Date	Time	Activity	Goal	In-Class Exercise	Additional
21 oct. 2024	13:15 to 15:00	lecture	Wrap-up Ch. 13 + Sect. 14.4		Sections 14.1 - 14.3 are not part of the examinable material
21 oct. 2024	15:15 to 17:00	problem class	Q79, Q80		
22 oct. 2024	13:15 to 15:00	problem class	Q88		Q88 goes a bit beyond the material
24 oct. 2024	09:00 to 10:45	lecture	Chapter 16		Chapter 15 is not part of the examinable material.
24 oct. 2024	11:00 to 12:45	problem class	Q93, Q94		
Date	Time	Activity	Goal	In-Class Exercise	Additional
28 oct. 2024	13:15 to 15:00	lecture	Chapter 17		
28 oct. 2024	15:15 to 17:00	problem class	Q95, Q96, Q97		
29 oct. 2024	13:15 to 15:00	problem class	final exam last year		
31 oct. 2024	09:00 to 10:45	lecture	Revision		
31 oct. 2024	11:00 to 12:45	problem class	catch up on all exercises		
Date	Time	Activity	Goal	In-Class Exercise	Additional
04 nov. 2024	17:00 to 20:00	FINAL EXAM			Educatorium Beta (regular) & to be announced (extra tijd)