

CHEM-E4210 - Molecular Thermodynamics D, 23.10.2023-1.12.2023

				Hall	Course content (tentative)
L1	Monday	23/10/2023	12:15-14:00	KE4	From calculating probabilities to entropy and Boltzmann law (Ch. 1-5)
L2	Wednesday	25/10/2022	12:15-14:00	KE4	Thermodynamic driving forces & logic of thermodynamics (Ch. 6-8)
E1	Friday	27/10/2023	10:15-12:00	KE4	<i>Exercise set 1</i>
L3	Monday	30/10/2023	12:15-14:00	KE4	Maxwell's relations, Boltzmann distribution, simple gases etc. (Ch. 9-14 in part)
L4	Thursday	02/11/2022	14:15-16:00	KE4	Continuation of previous topics
E2	Friday	03/11/2023	10:15-12:00	KE4	<i>Exercise set 2</i>
L5	Monday	06/11/2023	12:15-14:00	KE4	Solvation and transfer of molecules between phases (Ch. 15-16)
L6	Wednesday	08/11/2022	12:15-14:00	KE4	Physical and chemical kinetics (Ch. 17-19)
E3	Friday	10/11/2023	10:15-12:00	KE4	<i>Exercise set 3</i>
L7	Monday	13/11/2023	12:15-14:00	KE4	Coulomb law & electrostatics (Ch. 20-23)
L8	Wednesday	15/11/2022	12:15-14:00	KE4	Intermolecular interactions (Ch. 24)
E4	Friday	17/11/2023	10:15-12:00	KE4	<i>Exercise set 4</i>
L9	Monday	20/11/2023	12:15-14:00	KE4	Phase transitions and their models (Ch. 25, 26)
L10	Wednesday	22/11/2022	12:15-14:00	KE4	Adsorption and binding, cooperative processes (Ch. 27-29)
E5	Friday	24/11/2023	10:15-12:00	KE4	<i>Exercise set 5</i>
L11	Monday	27/11/2023	12:15-14:00	KE4	Water (Ch. 30, 31)
L12	Wednesday	29/11/2022	12:15-14:00	KE4	Polymers (Ch. 32-34)
E6	Friday	01/12/2023	10:15-12:00	KE4	<i>Exercise set 6</i>