

Week	Day	Date	Time	Lecture	Lecturer	Room
40	Mon	02.10.2023	09.30 -10.30	Administrative information about the course	ML	BN lecture room
			10.30 -12.30	Introduction to radiation physics & Introduction to medical radiation physics	ML	BN lecture room
			14.00 -15.00	Information about "Sjukhusfysikerprogrammet ; introduction to study techniques	EKL	Zoom
	Tue	03.10.2023	13.00 - 16.00	Radioactivity. Radioactive decay series. Modes of radioactive decays.	ML	Video (pre-recorded lecture)
	Wed	04.10.2023	13.00-15.00	Discussion/tutorial on Radioactivity	ML	BN lecture room
	Thur	05.10.2023	09.00-12.00	Exercises on Radioactivity	FS	BN lecture room
			13.00-15.30	Alpha decay	ML	BN lecture room
	Fri	06.10.2023	13.00-16.00	Exercises on Alpha decay	FS	BN lecture room
41	Mon	09.10.2023	10.00-12.00	Beta decay	ML	BN lecture room
	Tue	10.10.2023	10.00 - 12.00	Gamma decay	ML	BN lecture room
			13.00 - 14.00	Understanding the radioactive decay scheme		Video (pre-recorded lecture)
	Wed	11.10.2023	09.30 - 10.30	Understanding the radioactive decay scheme	FS	BN lecture room
			10.30 -12.00	Exercises on Beta and Gamma decay	FS	BN lecture room
			LUNCH TIME	Kursforum discussion among students	Only students	BN lecture room
			13.00 -14.00	Exercises on Beta and Gamma decay	FS	BN lecture room
	Thu	12.10.2023	09.30-11.30	Day free for studying Deadline to submit the answer to assignment 1		
	Fri	13.10.2023	09.00 - 12.00	Exercises in class	FS	BN lecture room
			13.00-13.30	Kursforum discussion with teacher	Course coordinator and class representatives	ML office
13.30-15.00			Electron accelerators	FH	BN lecture room	
					Deadline to submit peer-review of assignment 1	
42	Mon	16.10.2023	09.30-10.00	Introduction to laboratory exercises	TP	BN lecture room
			10.00-12.00	Interactions of photons with matter, interactions processes in the detectors, measurements of signals	ML	BN lecture room
			12.00-12.30	Radiation Protection aspects during laboratory exercises	ML	BN lecture room
	Tue	17.10.2023	09.00-12.30	Numerical problems - ASSIGNMENT 1 (on radioactivity)	FS	BN lecture room
			13.30-15.30	Proton and ion accelerators	FH	BN lecture room
	Wed	18.10.2023	all day	Nuclear reactions (theory) Deadline to submit the answer to assignment 2	ML	Video (pre-recorded lecture)
Thu	19.10.2023	09.30 -12.00	Production of radionuclides (theory and exercises)	ML	BN lecture room	
		13.00 -14.00	Production of radionuclides (theory and exercises)	ML	BN lecture room	
	Fri	20.10.2023	09.30-12.00	Discussion on Nuclear reactions Deadline to submit peer-review of assignment 2	ML	BN lecture room
43	Mon	23.10.2023	09.00-12.30	Numerical problems - ASSIGNMENT 2 (on alpha, beta, gamma)	FS	BN lecture room
			13.30 -16.30	Fission and fusion (theory)	ML	BN lecture room
	Tue	24.10.2023	09.00-13.00	LAB Group 1	TP	Albanova
			14.00-18.00	LAB Group 2	TP	Albanova
	Wed	25.10.2023	09.00-13.00	LAB Group 3	TP	Albanova
			14.00-18.00	LAB Group 4 /Exercises in class with groups 1 -2- 3-5 for 2 hours FS	TP, FS	Albanova, BN lecture room
	Thu	26.10.2023	09.30-12.30	Nuclear reactions (exercises)	ML	BN lecture room
			13.30-16.30	Numerical problems	FS	BN lecture room

	Fri	27.10.2023	09.30-12.30	Fission and fusion (exercises)	ML	BN lecture room
<b>44</b>	Mon	30.10.2023	09.00-13.00	<b>LAB Group 5</b>	TP	Albanova
			14.00-18.00	<b>LAB Group 6</b>	TP	Albanova
	Tue	31.10.2023	09.00-13.00	<b>LAB Group 7</b>	TP	Albanova
			14.00-18.00	<b>LAB Group 8 / Exercises in class with groups 4-6-7-8 for 2 hours FS</b>	TP, FS	Albanova, BN lecture room
	Wed	01.11.2023	<i>Day free for studying</i>			
	Thu	02.11.2023	<i>Day free for studying</i>			
	Fri	03.11.2023	10.00-15.00	EXAM	BN lecture room & MSF library	

ML = Marta Lazzeroni (course coordinator, lecturer)

FS = Filippo Schiavo (lecturer, exercise sessions)

FH = Fredrik Hellberg (lecturer)

TP = Tomas Palmqvist (lab assistant)

EKL = Emely Kjellsson Lindblom

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