

Week	Day	Date	Time	Lecture	Lecturer	Room
40	Wed	02.10.2024	09.30-12.00	Information about "Sjukhusfysikerprogrammet ;introduction to medical radiation physics	ITD	BN lecture room
			13.00-14.00	Administrative information about the course	ML	BN lecture room
			14.00-16.00	Introduction about radiation physics	ML	BN lecture room
	Thurs	03.10.2024	All day	Radioactivity, Radioactive decay series, Modes of radioactive decays.	ML	Video (pre-recorded lecture)
	Fri	04.10.2023	13.00-15.00	Discussion/tutorial on Radioactivity	ML	BN lecture room
41	Mon	07.10.2024	09.00-12.00	Exercises on Radioactivity	FS	BN lecture room
			13.00-15.30	Alpha decay	ML	BN lecture room
	Tues	08.10.2024	13.00-16.00	Exercises on Alpha decay	FS	BN lecture room
	Wed	09.10.2024	10.30-12.30	Beta decay	ML	BN lecture room
	Thurs	10.10.2024	10.00 - 12.00	Gamma decay	ML	BN lecture room
			13.00 - 14.00	Understanding the radioactive decay scheme		Video (pre-recorded lecture)
	Fri	11.10.2024	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 -15.00	Exercises on Beta and Gamma decay	FS	BN lecture room
42	Mon	14.10.2024	09.00-12.00	Exercises in class	FS	BN lecture room
				Deadline to submit the answer to assignment 1		
	Tues	15.10.2024	09.00 - 12.00	Video on electron and ion accelerators	FH	Video (pre-recorded lecture)
				Deadline to submit peer-review of assignment 1		
	Wed	16.10.2024	10.00-10.30	Introduction to laboratory exercises	TP	BN lecture room
			10.30-12.00	Interactions of photons with matter, interactions processes in the detectors, measurements of signals	ML	BN lecture room
			13.00-13.30	Radiation Protection aspects during laboratory exercises	ML	
			13.30-14.30	Kursforum discussion with teacher	Course coordinator and class representatives	ML office
	Thurs	17.10.2024	09.00-12.30	Numerical problems - ASSIGNMENT 1 (on radioactivity)	FS	BN lecture room
			13.30-16.00	Tutorial on accelerators	FH	BN lecture room
Fri	18.10.2024	all day	Nuclear reactions (theory)	ML	Video (pre-recorded lecture)	
			Deadline to submit the answer to assignment 2			
43	Mon	21.10.2024	09.30-12.00	Numerical problems	FS	BN lecture room
			13.00-15.30	Discussion on Nuclear reactions	ML	BN lecture room
				Deadline to submit peer-review of assignment		
	Tue	22.10.2024	09.30-12.30	Nuclear reactions (exercises)	ML	BN lecture room
			13.30-15.00	Exercises in class	FS	BN lecture room
			15.00-16.00	How to write a lab report	TP, WH	BN lecture room
	Wed	23.10.2024	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
	Thurs	24.10.2024	09.00-12.00	LAB Group 1	TP	Albanova
			12.00-15.00	LAB Group 2	TP	Albanova
15.00-18.00			LAB Group 3	TP	Albanova	
Fri	25.10.2024	09.00-12.00	LAB Group 4	TP	Albanova	
		12.00-15.00	LAB Group 5	TP	Albanova	
		15.00-18.00	LAB Group 6	TP	Albanova	
44	Mon	28.10.2024	09.30-12.00	Exercises in class in groups with teacher supervision	FS	BN lecture room
			13.00-15.30	Fission and fusion (exercises)	ML	BN lecture room
Tues	29.10.2024	09.30 -12.00	Production of radionuclides (theory and exercises)	ML	BN lecture room	
			Production of radionuclides (theory and exercises)	ML	BN lecture room	
Wed	30.10.2024		Day free for studying			

Thurs	31.10.2024	<i>Day free for studying</i>	
Fri	01.11.2024	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)*