Week	Day	Date	Time	Lecture	Lecturer	Room
40	Wed	01-10-2025	10.00 -12.00	Information about Sjukhusfysikerprogrammet and study techniques	EKL	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	02-10-2025	*All day*	***Radioactivity. Radioactive decay series. Modes of radioactive decays.***	ML	*Video (pre-recorded lecture)*
	Fri	03-10-2025	13.00-15.00	Discussion/tutorial on Radioactivity	ML	BN lecture room
41	Mon	06-10-2025	09.00-12.00	Exercises on Radioactivity	SK	BN lecture room
			13.00-14.30	Alpha decay	ML	BN lecture room
	Tues	07-10-2025	13.00-16.00	Exercises on Alpha decay	SK	BN lecture room
	Wed	08-10-2025	10.00-12.00	Beta decay	ML	BN lecture room
	Thurs	09-10-2025	10.00 - 12.00	Gamma decay	ML	BN lecture room
			13.00 - 14.00	***Understanding the radioactive decay scheme***		*Video (pre-recorded lecture)*
	Fri	10-10-2025	09.30 - 10.30	Understanding the radioactive decay scheme	SK	BN lecture room
			10.30 -12.00	Exercises on Beta and Gamma decay	SK	BN lecture room
			LUNCH TIME	***Kursforum discussion among students***	*Only students*	*BN lecture room*
			13.00 -15.00	Exercises on Beta and Gamma decay	SK	BN lecture room
42	Mon	13-10-2025		***Deadline to submit the answer to assignment 1***		
			13.00- 15.00	***Video on electron and ion accelerators***	*FH*	*Video (pre-recorded lecture)*
	Tues	14-10-2025	09.00-12.00	Exercises in class	SK	BN lecture room
	Wed	15-10-2025	*all day*	***Nuclear reactions (theory)***	*ML*	*Video (pre-recorded lecture)*
				Deadline to submit peer-review of assignment 1		
	Thurs	16-10-2025	09.00-10.00	How to write a lab report	TP	BN lecture room
			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*
	Fri	17-10-2025	**09.00-12.30**	**Numerical problems - ASSIGNMENT 1 (on radioactivity)**	SK	BN lecture room
			13.30-16.00	Tutorial on accelerators	FH	BN lecture room
43	Mon	20-10-2025	09.30-12.00	Discussion on Nuclear reactions	ML	BN lecture room
				Deadline to submit the answer to assignment 2		
	Tue	21-10-2025	09.30-12.00	Numerical problems	SK	BN lecture room
				Deadline to submit peer-review of assignment 2		
	Wed	22-10-2025	09.00-12.00	***LAB Group 1 - Assignment of theory questions in Athena***	TP	Albanova
			12.00-15.00	***LAB Group 2***	TP	Albanova
			15.00-18.00	***LAB Group 3***	TP	Albanova
	Thurs	23-10-2025	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

	Fri	24-10-2025	09.00-12.00	***LAB Group 7 (if needed) -Deadline for submission of the answer to the theory questions***	TP	Albanova
			12.00-15.00	***LAB Group 8 (if needed)***	TP	Albanova
			15.00-18.00	***LAB Group 9 (if needed)***	TP	Albanova
44	Mon	27-10-2025	09.30-12.30	Nuclear reactions (exercises)	ML	BN lecture room
			13.30-15.00	Exercises in class	SK	BN lecture room
	Tues	28-10-2025	09.00-12.30	**Numerical problems - ASSIGNMENT 2 (on alpha, beta, gamma)**	SK	BN lecture room
	Wed	29-10-2025	09.30-12.30	Fission and fusion (theory)	ML	BN lecture room
	Thurs	30-10-2025		*Day free for studying* ***-Deadline to submit peer review of the theory questions in Athena***		
	Fri	31-10-2025	09.30-12.00	Exercises in class in groups with teacher supervision	SK	BN lecture room
			13.00-15.30	Fission and fusion (exercises)	ML	BN lecture room
45	Mon	03-11-2025	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
	Tues	04-11-2025		*Day free for studying*		
	Wed	05-11-2025	09.30-12.00	Exercises in class in groups with teacher supervision	SK	BN lecture room
	Thurs	06-11-2025		*Day free for studying*		
	Fri	07-11-2025		*Day free for studying*		
46	Mon	10-11-2025	10.00-15.00	**EXAM**	ML,SK	BN lecture room & MSF library

ML = Marta Lazzeroni
SK= Suryakant Kaushik
FH= Frerik Hellberg
TP = Tomas Palmqvist

Compulsory activities are indicated in RED