

Week	Day	Date	Time	Lecture	Compulsory moments	Lecturer	Lecture location	
18	Monday	27-Apr	10:00 - 10:30	Introduction to the course	compulsory	MRE	Zoom	
			10:30 - 11:00	SSM regulations, distribution of the exercises		EKL	Zoom	
			12:00 - 15:00	Concept of dose in radiological protection - Radiation quantities		MI	Zoom	
	Tuesday	28-Apr	9:30 - 12:30	Health effects of radiation		AW	MSF library	
	Wednesday	29-Apr	9:30 - 12:30	ICRP history, policies. Recommendation from international commissions. Risk concept, risk communication		AW	MSF library	
			13:30 - 16:30	Dose and shielding calculations		MRE	MSF library	
	Thursday	30-Apr	9:30 - 12:30	Natural radioactivity. Artificial sources		MRE	MSF library	
			13:30 - 16:30	Numerical exercises - Dose and shielding calculations		MRE	MSF library	
	Friday	01-May						
19	Monday	04-May	9:30 - 12:30	Monitoring of the radioactivity		MRE	MSF library	
			13:30 - 16:30	Numerical exercises - Dose and shielding calculations		MRE	MSF library	
	Tuesday	05-May	9:30 - 12:30	Numerical exercises - Dose and shielding calculations		MRE	MSF library	
	Wednesday	06-May	9:30 - 12:30	Internal dosimetry - compartment models		MI	Zoom	
			13:30 - 16:30	Kursforum with course coordinator		MRE	MSF library	
	Thursday	07-May	9:30 - 13:00	Radon exposure and measurements		CT/CJ	SSM	
	Friday	08-May	9:30 - 12:30	Preparation of numerical exercises (only students)				
	20	Monday	11-May	9:30 - 16:30	Monitoring exercise	compulsory	MRE	MSF library

	Tuesday	12-May	9:30 - 12:30	Nuclear power reactors	ML	MSF library
			13:30 - 16:30	Numerical exercises – Intake, compartment models	MI	Zoom
	Wednesday	13-May	9:30 - 12:30	Radiation shielding around medical facilities – Part I	MRE	MSF library
			13:30 - 16:30	Radiation shielding around medical facilities – Part II	MRE	MSF library
	Thursday	14-May	9:30 - 12:30			
	Friday	15-May	9:30 - 12:30			
21	Monday	18-May	9:30 - 12:30	Radioecology Part I	KS	Zoom
	Tuesday	19-May	9:30 - 12:30	Radioecology Part II	KS	Zoom
	Wednesday	20-May	9:30 - 12:30	Radiation shielding around medical facilities – Part III	MRE	MSF library
			13:30 - 16:30	Nuclear power reactors, waste	ML	MSF library
	Thursday	21-May	9:30 - 12:30	Numerical exercises - Radioecology	CR	Zoom
	Friday	22-May	9:30 - 12:30	Nuclear power reactors, risk of accidents	ML	MSF library
22	Monday	25-May	9:30 - 12:30	Seminar: Nuclear accidents	MI	Zoom or MSF
			13:30 - 16:30	Emergency preparedness in radiological and nuclear accidents	MI	Zoom or MSF
	Tuesday	26-May	9:30 - 12:30	Radiation shielding exercise	compulsory	MRE
			13:30 - 16:30			MSF library
	Wednesday	27-May	9:30 - 12:30	Introduction to Monte Carlo exercises with PENELOPE	JMF / MRE	MSF library
			13:30 - 16:30			

	Thursday	28-May	9:30 - 12:30				
	Friday	29-May	9:30 - 12:30	EXERCISES – Monte Carlo simulations of the photon shield	compulsory	MRE	MSF computer room
			13:30 - 16:30	EXERCISES – Monte Carlo simulations of the photon shield	compulsory	MRE	MSF computer room
23	Monday	01-Jun	9:30 - 12:30	Discussion: SSM Regulations-föreskrifter	compulsory	EKL	MSF
	Tuesday	02-Jun	9:30 - 12:30	Numerical exercises/ Discussion OLD Exams, Theory/Problems (NOT COMPULSORY)		MRE	MSF library
	Wednesday	03-Jun	9:30 - 12:30				
	Thursday	04-Jun	9:30 - 12:30				
	Friday	05-Jun	10:00 - 15:00	EXAM			MSF

Lecturers:

- (JMF) Jose María Fernández-Varea, University of Barcelona
- (MI) Mats Isaksson, Göteborg University
- (CJ) Cecilia Jelinek, SSM
- (EKL) Emely Kjellsson Lindblom, Stockholm University
- (ML) Marta Lazzeroni, Stockholm University
- (CR) Christopher Rääf, Lunds University
- (MRE) Maite Romero-Expósito
- (KS) Kristina Stenström, Lund University
- (CT) Cathrin Tolinsson, SSM
- (AW) Andrzej Wojcik, Stockholm University