46 Monday	13,11	12.15-13.00	Introduction to the course		MDM	Albanova FA31
40 Monday	13,11	13.15-16:00	Concept of dose in radiological protection - Radiation quantities		MI	zoom
		13.13 10.00	concept of above in radiological protection indulation quantities			200111
Tuesday	14,11	10.00-12.00	Monitoring of the radioactivity. Distribution of the Problem Based Learning tasks		MDM	Albanova FA31
		13.00-13.30	SSM regulations, distribution of the exercises		EKL	MSF library
Wednesday	15,11	09.30-12.30	Dose and shielding calculations		MDM	Albanova FA31
		13.00-16.00	Preparation - Numerical exercises – point, line sources – dose calculations (students on their own)		Only students	
Thursday	16,11	10.00-13.00	Numerical exercises – point, line sources – dose calculations		MDM	Albanova FA31
Friday 47 Monday						
	17,11	9.00-12.00	Internal dosimetry - compartment models		MI	zoom
		13.00-16.00	Preparation - Numerical exercises – point, line sources – dose calculations (students on their own)		Only students	
	20.11	09.00-12.00	Dadiassalam		CR	7
Tuesday	20,11		Radioecology Departing for pumping leverings, Intake compartment models, does calculations, only students			Zoom
		13.00-16.00	Preparation for numerical exercises – Intake, compartment models, dose calculations - only students		Only students	MSF library
	21,11	10.00-12.30	Numerical exercises – point, line sources – dose calculations		MDM	Albanova FA31
Tuesday	21,11	13.30-16.30	Radioecology		CR	zoom
		13.30-10.30	nulloecology		CN	200111
Wednesday	22,11	13.00 -15.00	Numerical exercises – Intake, compartment models, radioecology		CR / MI	zoom
			81		,	
Thursday	23,11	10.00-12.00	Preparation for numerical exercises – Intake, compartment models, dose calculations - only students		Only students	MSF library
					,	·
Friday	24,11	10.00-12.00	Natural radioactivity. Artificial sources		MDM	Albanova FA31
		13.00-14.00	Kursforum discussion among students		Only students	
48 Monday	27,11	09.30-12.00	Nuclear power reactors		ML	MSF library
Tuesday Wednesday	28,11	10.00-12.00	ICRP history, policies. Recommendation from international commissions. Risk concept, risk communication		AW	MSF library
		13:00-15:00	Numerical exercises – Intake, compartment models, radioecology		CR/MI	zoom
	20.11	10.00 12 20	Ni. alaan aan waxaa aan waxaa		D.41	MCC I:hana
	29,11	10:00-12.30	Nuclear power reactors, waste		ML	MSF library
Thursday	30,11	09.00-12.00	Health effects of radiation		AW	MSF library
	30,11	05.00 12.00	Treater cheets of faditation		AW	Wish History
Friday	1,12	09.00-12.00	Introduction to Monte Carlo exercises with PENELOPE		JMF, FS	MSF library
		13.00 -16.00	EXERCISES – Monte Carlo simulations of the photon shield		JMF, FS	MSF computer room
49 Monday	4,12	09.30-12.00	Nuclear power reactors, risk of accidents		ML	MSF library
Tuesday	5,12	10.00-13.00	Radon exposure and measurements		JJ SSM	SSM
		14.00-15.00	Kursforum discussion with course coordinator		Students' representatives and MDM	
Wednesday	6,12	09.00-12.00	Radiation shielding around medical facilities – Part I		NB recording	
		13:00-14:00	Radiation protection of neutrons		ML	MSF library
		14.00-15.00	Radiation shielding around medical accelerators - Part II		NB recording	
Th. 11.11	7.40	10.00.11.00	Bulliant Children and Madrid Assolvers Booth		14014	Allere - FACT
Thursday	7,12	10.00-11:00	Radiation Shielding around Medical Accelerators – Part III		MDM	Albanova FA31
Thursday	7,12	10.00-11:00 12.00-14.30	Radiation Shielding around Medical Accelerators – Part III Presentation of the Problem Based Learning tasks – Monitoring of Radiation	compulsory	MDM MDM	Albanova FA31 Albanova FA31
·		12.00-14.30	Presentation of the Problem Based Learning tasks – Monitoring of Radiation	compulsory	MDM	Albanova FA31
Thursday Friday	7,12 8,12		•	compulsory		
Friday	8,12	9.00-12.00	Presentation of the Problem Based Learning tasks – Monitoring of Radiation Emergency preparedness in radiological and nuclear accidents		MDM MI, CR	Albanova FA31 Zoom
·		9.00-12.00 10.00-12.00	Presentation of the Problem Based Learning tasks – Monitoring of Radiation Emergency preparedness in radiological and nuclear accidents Discussion: SSM Regulations-föreskrifter	compulsory	MDM MI, CR EKL	Albanova FA31 Zoom MSF library
Friday 50 Monday	8,12 11,12	9.00-12.00 10.00-12.00 13.00-15.30	Presentation of the Problem Based Learning tasks – Monitoring of Radiation Emergency preparedness in radiological and nuclear accidents Discussion: SSM Regulations-föreskrifter Presentation of the Problem Based Learning tasks - Radiation protection scenarios		MDM MI, CR EKL MDM	Zoom MSF library MSF library
Friday 50 Monday Tuesday	8,12 11,12 12,12	9.00-12.00 10.00-12.00 13.00-15.30 10.00-13.00	Presentation of the Problem Based Learning tasks – Monitoring of Radiation Emergency preparedness in radiological and nuclear accidents Discussion: SSM Regulations-föreskrifter Presentation of the Problem Based Learning tasks - Radiation protection scenarios Numerical exercises/ Discussion OLD Exams, Theory/Problems (NOT COMPULSORY)	compulsory	MDM MI, CR EKL	Albanova FA31 Zoom MSF library
Friday 50 Monday	8,12 11,12	9.00-12.00 10.00-12.00 13.00-15.30	Presentation of the Problem Based Learning tasks – Monitoring of Radiation Emergency preparedness in radiological and nuclear accidents Discussion: SSM Regulations-föreskrifter Presentation of the Problem Based Learning tasks - Radiation protection scenarios	compulsory	MDM MI, CR EKL MDM	Zoom MSF library MSF library