SCHEDULE MAGNETIC RESONANCE IMAGING COURSE 2026, FK8032

Week	Date	Time	Lecture	Location	Teacher
8	Tue 17 feb	09:00-09:45	Course introduction	MSF/CCK	LEN
		10:00-12:00	Basic MRI physics	MSF/CCK	EP
		13:00-14:30	MRI hardware	MSF/CCK	LEN
	wed 18 feb	09:30-11:30	Physics of MRI part 1	MSF/CCK	HVL
		12:30-13:30	Physics of MRI part 2	MSF/CCK	HVL
	Thu 19 feb	09:30-11:30	Spatial encoding	MSF/CCK	YW
		12:30-14:30	Relaxation	MSF/CCK	SNA
	Fri 20 feb	09:30-11:30	Pulse sequences part 1	MSF/CCK	YW
		12:30-14:30	Pulse sequences part 2	MSF/CCK	YW
	21-22 feb				
9	Mon 23 feb	09:30-11:30	Image contrast	MSF/CCK	HVL
		12:30-14:30	Complex k-space and image space	MSF/CCK	YW
	Tue 24 feb	9:30:-11:30	Sequence parameters & artifacts	MSF/CCK	HVL
		12:30-14:30	Pulse sequence exercise	MSF/CCK	AL/YW
	Wed 25 feb	Study time			
	Thu 26 feb	09:30-11:30	Time for questions	MSF/CCK	All
	Fri 27 feb	09:00-11:00	BONUS EXAM	MSF/CCK	YD
	28 apr - 1 mar				
10	Mon 2 mar	09:00-10:15	Clinical MRI overview	MSF/CCK	RVP
		10:15-11:30	Clinical applications	MSF/CCK	HM
		12:30-13:15	Clinical applications	MSF/CCK	HM
		13:30-14:30	Clinical protocols	MSF/CCK	HM
	Tue 3 mar	09:00-10:00	Kursforum & Bonus Exam walkthrough	MSF/CCK	LEN
		10:00-11:30	Biological effects	MSF/CCK	LEN
		12:30-13:30	Acceptance testing	MSF/CCK	YD
		13:30-14:30	Site planning	MSF/CCK	LEN
		15:00-16:30	MR-safety theory	NKS B6-10	LEN
		16:30-17:00	MR-safety hands on	NKS B6:11	LEN
	Wed 4 mar	09:00-12:00	Auscultation	*See course page*	
	Thu 5 mar	09:30-14:30	Artifact lab (report)	Q	LEN/TD
	Fri 6 mar	Time for lab reports & reading			
	7-8 mar				
11	Mon 9 mar	09:00-10:00	Procurement	MSF/CCK	LEN

		10:00-11:00	**Perfusion**	MSF/CCK	AL
		12:00-14:00	**Flow, angiography, cardiac MRI**	MSF/CCK	AF
	Tue 10 mar	09:00-13:00	**k-space lab (report)**	MSF/CCK computer room	AF
	Wed 11 mar	09:30-11:30	**Implants in an MRI environment**	MSF/CCK	LEN
		11:30-11:45	**Journal introduction**	MSF/CCK	LEN
	Thu 12 mar	12:30-16:30	**Acceptance test lab (report)**	Q	YD/EP
	Fri 13 mar	**Time for lab reports & reading**			
	14-15 mar				
12	**Mon 16 mar**	**Time for lab reports & reading**			
	Tue 17 mar	09:30-11:30	**Parallel imaging**	MSF/CCK	YD
		12:30-14:30	**Partial Fourier techniques**	MSF/CCK	SNA
	Wed 18 mar	09:30-11:30	**Diffusion**	MSF/CCK	EP
		12:30-14:30	**The role of fat**	MSF/CCK	EP
	Thu 19 mar	09:00-14:00	**Protocol optimization**	Huddinge	LEN/TD
	Fri 20 mar	09:30-11:30	**MR-RT**	MSF/CCK	EP
		12.30-15:30	**Relaxation exercise**	MSF/CCK computer room	HVL
	21-22 mar				
13	**Mon 23 mar**	**Time to prepare journal presentation**			
	Tue 24 mar	09:00-14:00	**Journal presentation**	MSF/CCK	LEN
	Wed 25 mar	09:30-11:30	**MRS**	MSF/CCK	SNA
		12:30-13:30	**fMRI**	MSF/CCK	TJ
	Thu 26 mar	**Study time**			
	Fri 27 mar	**Study time**			
	28-29 mar				
14	**Mon 30 mar**	09:30-11:30	**Time for questions**	MSF/CCK	ALL
	Tue 31 mar	**Study time**			
	Wed 1 apr	10:00-15:00	**FINAL EXAM**	MSF/CCK	

***Red = mandatory moments**

Course teachers

AL	Andreas Lambert	RVP	Roberto Vargas Paris
AF	Alexander Fyrdahl	SNA	Sahar Nikkhou Aski
EP	Emilia Palmér	TJ	Tomas Jonsson
HM	Heather Martin	TD	Torsten Dorniok
HVL	Hadrien Van Loo	YW	Yanlu Wang
LEN	Love Engström Nordin (Course coordinator)	YD	Yulia Dragunova