

PLANNED DOCTORAL COURSES AT SCHOOL OF ENGINEERING

Updated 170924 - marked with green is confirmed, yellow is possible/under planning

Doctoral courses in the Graduate School	Course responsible/ examiner	2017		2018				2019				2020				2021			
		Lp1	Lp2	P3	P4	P1	P2	Lp3	Lp4	Lp1	Lp2	P3	P4	P1	P2	P3	P4	P1	P2
Mandatory courses, all subject areas																			
Industrial product realisation 5 hec	Glenn Johansson							Feb						Sep				Sep	
Theory of science and research methodology 5 hec	Kristina Säfsten		26 Oct							Oct									
Basic communication and teaching 4 hec (JTH specific)	HLK		v41-47			Oct				Oct				Oct				Oct	
<i>Teaching and learning (alternative course, general for JU) 7.5 hec</i>	HLK			vt (sv)				vt (eng)					vt (sv)					vt (sv)	
Information literacy and scholarly communication 3 hec	Biblioteket/Säfsten		11 Oct				Nov				Nov				Nov				Nov
Mandatory courses: Material and manufacturing																			
Mathematical modelling of casting 7,5 hec	Attila Dioszegi						P2	P3						P2					P2
Cast iron 7,5 hec	Attila Dioszegi								P4								P4		
Casting 7,5 hec (Two parts C1 + HA)	Anders Jarfors					w.34 C1				w.34 C1	HA		w.34 C1				w.34 C1	HA	
Light metal 7,5 hec	Salem S/Jarfors			w.3								w.3			w.3				
Mandatory courses: Machine design																			
Computer systems for design automation 7,5 hec	Fredrik Elgh		Oct								Oct								Oct
Design optimisation 7,5 hec	Kent Salomonson								April								April		
Mandatory courses: Production systems																			
Production system 5 hec	Rösiö/Johansson			v8								P3							
Research methodology, advanced 5 hec																			
- Practitioner oriented research 5 hp (as advanced RM course)	Bäckstrand/Säfsten																		
Other available courses at JTH (financer)																			
Product platforms 7,5 hp (ProWOOD+JTH+P2030)	Lennartsson/Elgh					Sept													
Ethics for researchers and engineers, 3 hp (ProWOOD+)	KTH/Säfsten			Jan-Mar															
Wood Material in Product Realisation, 7,5 hp (ProWOOD+)	Lnu			Jan															
Innovative and sustainable wood-working industry 7,5 hp (ProWOOD)	Lnu				April								April						
Operations management in the wood-working industry 5 hp (ProWOOD)	Mats Winroth					Sept								Sept					
Academic Writing, 7,5 hp (ProWOOD+ and JTH)	Vakant																		
Corrosion and Surface Protection, 7,5 hp	Caterina Zanella											P4							
PM3 Research methodology in product realisation (Produktion2030)	Säfsten																		
Product Realization in Networked Organizations 7,5 hec	Ulf Seigerroth																		

NOTES CASTING COURSE

C1=Fundamental course in master programme,
HA=Home assignment for the doctoral course