

PLANNED DOCTORAL COURSES AT THE SCHOOL OF ENGINEERING

Updated 191023

	Confirmed start date
	Course is given in conjunction with a second-cycle course. Responsible teacher should be contacted
	Planned but not yet confirmed

Doctoral courses in the Graduate School Industrial Product Realisation	Course code	Course responsible	2019		2020		2021		2022	
			Spring	Fall	Spring	Fall	Spring	Fall	Spring	Fall
Mandatory courses, all subject areas										
Industrial product realization, 5 credits / Industriell produktframtagning, 5 hp	FTIPF35	Glenn Johansson	W8-W26			Sept			Sept	
Theory of Science and research methodology, 4 credits / Vetenskapsteori och forskningsmetodik, 4 hp	FTVFM34	Kristina Säfssten		Starts 12 Sept				Sept		
Ethics in engineering practice and research 2 credits / Etik i teknisk verksamhet och forskning, 2 hp		KTH	15 Jan – 12 Feb				Jan			
Basic communication and teaching, 4 credits / Grundläggande kommunikation och undervisningslära, 4 hp	contract teaching JTH	Joel Hedegaard, HLK		W41-47		Oct		Oct		Oct
Information Litteracy and Scholarly Communication, 3 credits / Informationssökning och vetenskaplig kommunikation, 3 hp	FTIVK33	Paola Johansson		5 Nov – 18 Dec		Oct		Oct		Oct
Pedagogic (alternative course, general JU), 7,5 credits		HLK								
Mandatory courses, Materials and manufacturing			Spring	Fall	Spring	Fall	Spring	Fall	Spring	Fall
Mathematical Modelling of Casting, 7,5 credits / Matematisk modellering av gjutning, 7,5 hp	FTMMG33	Attila Diószegi	W3-W26			P2		P2		P2
Metallurgy, Solidification and Modeling of Cast Iron, 7,5 credits / Metallurgi, stelning och modellering av gjutjärn, 7,5 hp	FTMSM34	Attila Diószegi	13 – 17 May				P4			
Casting*, 7,5 credits / Gjutning, 7,5 hp	FTGJU33	Anders Jarfors		W34(C1 and HA)				W34 (C1 and HA)		
Light Metal, 7,5 credits / Lättmetall, 7,5 hp	FTLME33	Arne Dahle			W3		W3			
Corrosion and Surface Protection, 7,5 credits / Korrosion och ytskydd, 7,5 hp	FTKYT37	Caterina Zanella			P2					
Mandatory courses, Machine design			Spring	Fall	Spring	Fall	Spring	Fall	Spring	Fall
Systems for Automated Design, 7,5 credits / Datorsystem för automatiserad konstruktion, 7,5 hp	FTDAK35	Fredrik Elgh				Oct				
Design Optimisation, 7,5 credits / Konstruktionsoptimering, 7,5 hp	FTKOP37	Peter Hansbo	W13-W22		April		April			

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Mandatory courses, Production systems				Spring	Fall	Spring	Fall	Spring	Fall	Spring	Fall
Production Development, 5 credits /Produktionsutveckling, 5 hp		FTPRU38	C Rösiö				Sept				
Research Methodology, advanced, 5 credits / Forskningsmetodik, fördjupning, 5 hp		FTFMF34	Open								
Practice Oriented Research, 5 credits (a Research Methods, advanced course)			Jenny Bäckstrand					Spring			
Doctoral courses in the Graduate School Industrial Product Realisation		Course code	Course responsible / examiner	2019		2020		2021		2022	
Other available courses JTH				Spring	Fall	Spring	Fall	Spring	Fall	Spring	Fall
Product platforms, 7,5 credits		FTPPF36	JTH, Fredrik Elgh						Sep		
PM3 Research Methodology in Product Realization, 7,5 hp (Production 2030)		FTPM339									
Other available courses											
Research project management (no credits)		contract teaching JTH	Not a doctoral course	W 14-18							
Written English Proficiency for Academic Purposes (2,5 credits)		contract teaching JTH	Not a doctoral course	W14-18							

* Casting Course

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