

PLANNED DOCTORAL COURSES AT THE SCHOOL OF ENGINEERING

Updated 2023-10-31

	Confirmed start
	Course given in conjunction with a second-cycle course. Responsible teacher should be contacted.
	Course not given at JTH at the moment
	Planned but not confirmed

Doctoral courses in the Graduate School Industrial Product Realisation	Course code	Course responsible / examiner / Contact	2022		2023		2024		2025	
			Spring	Fall	Spring	Fall	Spring	Fall	Spring	Fall
Mandatory courses, all subject areas			Spring	Fall	Spring	Fall	Spring	Fall	Spring	Fall
Industrial product realisation, 5 credits / Industriell produktframtagning, 5 hp	FTIPF35	Kerstin Johansen		5 Sept – 5 Dec				Sept		
Theory of science and research methodology, 4 credits / Vetenskapsteori och forskningsmetodik, 4 hp	FTVFM38	Kristina Säfsten				5 Sept - 18 Dec				Sept
Ethics in engineering practice and research 2 credits / Etik för ingenjörer och forskare, 2 hp	-				*					
Basic Communication and Teaching, 4 credits / Grundläggande kommunikation och undervisningslära, 4 hp	FTGKU38	HLK Martin Hugo			*					
Information Literacy and Scholarly Communication, 3 credits / Informationssökning och vetenskaplig kommunikation, 3 hp	FTIVK33	Paola Johansson/Director of graduate schools		W40-W47		9 Nov – 15 Dec		Oct		
Mandatory courses, Materials and manufacturing			Spring	Fall	Spring	Fall	Spring	Fall	Spring	Fall
Mathematical Modeling of Casting, 7,5 credits / Matematisk modellering av gjutning, 7,5 hp	FTMMG33	Attila Diószegi		Oct				Oct		
Metallurgy, Solidification and Modeling of Cast Iron, 7,5 credits / Metallurgi, stelning och modellering av gjutjärn, 7,5 hp	FTMSM34	Attila Diószegi				May			May	
Casting, 7,5 credits / Gjutning, 7,5 hp	FTGJU33	Anders Jarfors	Started HT2021			starts	ends			
Light Metal, 7,5 credits / Lättmetall, 7,5 hp	FTLME33	Anders Jarfors			Spring				Spring	
Corrosion and Surface Protection, 7,5 credits / Korrosion och ytskydd, 7,5 hp	FTKYT37	Caterina Zanella		W17-W22				May		

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			Spring	Fall	Spring	Fall	Spring	Fall	Spring	Fall
Mandatory courses, Machine design			Spring	Fall	Spring	Fall	Spring	Fall	Spring	Fall
Computer Systems for Automated Engineering Design, 7,5 credits / Datorsystem för automatiserad konstruktion, 7,5 hp	FTDAK35	Roland Stolt								
Design Optimisation, 7,5 credits / Konstruktionsoptimering, 7,5 hp	FTKOP37	Kent Salomonsson								
Mandatory courses, Production systems			Spring	Fall	Spring	Fall	Spring	Fall	Spring	Fall
Production Development, 5 credits /Produktionsutveckling, 5 hp	FTPRU38	Carin Rösiö			W9-W15					
Practice Oriented Research Methodology, 5 credits / Praktisknära forskningsmetodik, 5 hp – this course may replace Research Methodology, advanced!	FTPFM31	Jenny Bäckstrand				Starts January 2024				
Other available courses JTH			Spring	Fall	Spring	Fall	Spring	Fall	Spring	Fall
Product platforms, 7,5 credits (ProWOOD, Production 2030)	FTPPF36	Fredrik Elgh		W34-W49						
PM3 Research methodology in product realization, 7,5 credits (Production 2030)	FTPM339	Kristina Säfsten								
Efterfrågedriven Enterprise Resource Planning, 7,5 credits	FTEER39	Joakim Wikner								
P05 Trend Spotting – How to Identify the Future Gaps? 7,5 credits		Kerstin Johansen	January		17 jan 2023					
Other courses			Spring	Fall	Spring	Fall	Spring	Fall	Spring	Fall
Pedagogic (alternative course, general JU), 7,5 credits	-	HLC	English w4-w13		Swedish w4-w13		English w4-w13		Swedish W4-w13	