

PLANNED DOCTORAL COURSES AT THE SCHOOL OF ENGINEERING

Updated 210125

	Confirmed start
	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 / examiner / Contact	2020		2021		2022		2023	
			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		7 sep – 7 dec				Sept		
Theory of science and research methodology, 4 credits / Vetenskapsteori och forskningsmetodik, 4 hp	FTVFM34	Kristina Säfstén				Sept				Sept
Ethics in engineering practice and research 2 credits / Etik för ingenjörer och forskare, 2 hp	-	KTH			20 Jan – 16 Feb				Jan	
Basic Communication and Teaching, 4 credits / Grundläggande kommunikation och undervisningslära, 4 hp		HLK/Director of graduate school		w41-47 cancelled		w39-45		Oct		Oct
Information Literacy and Scholarly Communication, 3 credits / Informationssökning och vetenskaplig kommunikation, 3 hp	FTIVK33	Paola Johansson/Director of graduate school		10 Nov - 16 Dec		Oct		Oct		Oct
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								
Metallurgy, Solidification and Modeling of Cast Iron, 7,5 credits / Metallurgi, stelning och modellering av gjutjärn, 7,5 hp	FTMSM34	Attila Diószegi								
Casting, 7,5 credits / Gjutning, 7,5 hp	FTGJU33	Anders Jarfors								
Light Metal, 7,5 credits / Lättmetall, 7,5 hp	FTLME33	Anders Jarfors								
Corrosion and Surface Protection, 7,5 credits / Korrosion och ytskydd, 7,5 hp	FTKYT37	Caterina Zanella								

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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		Start w43 on 2nd cycle						
Design Optimisation, 7,5 credits / Konstruktionsoptimering, 7,5 hp	FTKOP37	Kent Salomonsson			w13 - 22					
Mandatory courses, Production systems			Spring	Fall	Spring	Fall	Spring	Fall	Spring	Fall
Production Development, 5 credits /Produktionsutveckling, 5 hp	FTPRU38	Carin Rösiö			4 Feb-25 March					
Research Methodology, advanced, 5 credits / Forskningsmetodik, fördjupning, 5 hp	FTFMF39	Kristina Säfsten								
Other available courses JTH			Spring	Fall	Spring	Fall	Spring	Fall	Spring	Fall
Product platforms, 7,5 credits (ProWOOD, Production 2030)	FTPPF36	Fredrik Elgh						Sept		
Practice Oriented Research, 5 credits – this course may replace Research Methodology, advanced!		Jenny Bäckstrand								
PM3 Research methodology in product realization, 7,5 credits (Production 2030)	FTPM339	Kristina Säfsten								
Efterfrågedriven Enterprise Resource Planning, 7,5 credits	FTEER39	Joakim Wikner								
Other courses										
Pedagogic (alternative course, general JU), 7,5 credits	-	HLK	English w4-w13		Swedish w4-w13		English w4-w13		Swedish w4-w13	