

PLANNED DOCTORAL COURSES AT THE SCHOOL OF ENGINEERING

Updated 2022-01-24



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	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				Sept				Sept
Ethics in engineering practice and research 2 credits / Etik för ingenjörer och forskare, 2 hp	-				Jan				Jan	
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		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		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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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								
Practice Oriented Research Methodology, 5 credits / Praktisknära forskningsmetodik, 5 hp – this course may replace Research Methodology, advanced!	FTPFM31	Jenny Bäckstrand								
Other available courses JTH			Spring	Fall	Spring	Fall	Spring	Fall	Spring	Fall
Product platforms, 7,5 credits (ProWOOD, Production 2030)	FTPPF36	Fredrik Elgh		Sept						
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						
Other courses			Spring	Fall	Spring	Fall	Spring	Fall	Spring	Fall
Pedagogic (alternative course, general JU), 7,5 credits	-	HLK	English w4-w13		Swedish w4-w13		English w4-w13		Swedish W4-w13	