

Academic Year Overview 2017/2018

Department: Product Development

Programme: **Product Development and Materials Engineering (master) 120 hp**

Campus: **Jönköping**

Language: **English**

Year 1 (Start Autumn 2017) Programme code: TAMP7

Semester 1 (2017-08-21—2018-01-14)														Semester 2 (2018-01-15—2018-06-03)																										
34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22
<i>Industrial Product Realization, Process-Methods-Leadership, 9 credits (Industriell produktframtagning, process-metod-ledarskap, 9,0 hp)</i>										<i>Non-linear Finite Element Analysis, 9 credits (Olinjär FEA, 9 hp)</i>										<i>Functional materials and Surfaces 6 credits (Funktionella material och ytor, 6,0 hp)</i>						<i>Optimization Driven Design 6 credits (Optimeringsdriven design, 6 hp)</i>														
(E) Elective course										<i>Materials and Design 6 credits (Material och design, 6 hp)</i>										<i>Integrated Product Development 12 credits (Integrerad produktutveckling, 12 hp)</i>						<i>Computer Programming for Design Automation, 6 credits (Programmering för automatiserad konstruktion, 6 hp)</i>														
<i>(E) Multivariable Calculus, 7,5 credits (Flervariabelanalys, 7,5 hp)</i> <i>(E) Advanced CAD, 6 credits (Avancerad CAD, 6 hp)</i>																																								

Year (Start Autumn 2016) Programme code: TAMP6

Semester 3 (2017-08-21—2018-01-14)														Semester 4 (2018-01-15—2018-06-03)																										
34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22
<i>Industrial Placement Course in Product Development, 9 credits (Näringslivsförlagd kurs i Produktutveckling, 9 hp)</i>										<i>Advanced Materials Technology, 6 credits (Avancerad materialteknik, 6 hp)</i>										<i>Final Project Work in Product Development, 30 credits (Examensarbete i Produktutveckling, 30 hp)</i>																				
										<i>Modelling and Simulation of Casting, 6 credits (Modellering och simulering av gjutning, 6 hp)</i>																														
										<i>Computer Supported Engineering Design, 9 credits (Datorstöd för konstruktion, 9 hp)</i>																														