

Academic Year Overview 2019/2020

Department: Product Development

Programme: **Product Development and Materials Engineering (master) 120 hp**Campus: **Jönköping**Language: **English**

Year 1 (Start Autumn 2019)

Programme code: TAMP7

Semester 1 (2019-08-19—2020-01-12)														Semester 2 (2020-01-13—2020-05-31)																										
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 in Collaboration, 6 credits (Industriell produktframtagning i samverkan, 6 hp)</i>														<i>Non-linear Finite Element Analysis, 6 credits (Olinjär FEA, 6 hp)</i>																										
(E) Elective course														<i>Functional materials and Surfaces, 7,5 credits (Funktionella material och ytor, 7,5 hp)</i>																										
<i>(E) Multivariable Calculus, 7,5 credits Flervariabelanalys, 7,5 hp</i>														<i>Optimization Driven Design, 7,5 credits (Optimeringsdriven design, 7,5 hp)</i>																										
<i>(E) Advanced CAD, 6 credits (Avancerad CAD, 6 hp)</i>														<i>Integrated Product Development 1, 7,5 credits (Integrerad produktutveckling 1, 7,5 hp)</i>																										
<i>Computer Programming for Design Automation, 6 credits (Programmering för automatiserad konstruktion, 6 hp)</i>														<i>Integrated Product Development 2, 7,5 credits (Integrerad produktutveckling 2, 7,5 hp)</i>																										
<i>Materials and Design 6 credits (Material och design, 6 hp)</i>																																								

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Semester 3 (2019-08-19—2020-01-12)														Semester 4 (2020-01-13—2020-05-31)																										
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>Computer Supported Engineering Design, 9 credits (Datorstöd för konstruktion, 9 hp)</i>																										
<i>Microstructural Engineering, 6 credits (Microstructural Engineering, 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>																										