

Academic Year Overview 2018/2019

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

**Year 1 (Start Autumn 2018) Programme code: TAMP7**

Semester 1 (2018-08-20—2019-01-13)														Semester 2 (2019-01-14—2019-06-02)																										
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>							<i>Functional materials and Surfaces, 7,5 credits (Funktionella material och ytor, 7,5 hp)</i>							<i>Optimization Driven Design, 7,5 credits (Optimeringsdriven design, 7,5 hp)</i>																			
<b>(E) Elective course</b>							<i>Materials and Design 6 credits (Material och design, 6 hp)</i>							<i>Integrated Product Development Part I, 7,5 credits (Integrerad produktutveckling del I, 7,5 hp)</i>							<i>Integrated Product Development Part II, 7,5 credits (Integrerad produktutveckling del II, 7,5 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>							<i>Computer Programming for Design Automation, 6 credits (Programmering för automatiserad konstruktion, 6 hp)</i>																																	

**Year (Start Autumn 2017) Programme code: TAMP7**

Semester 3 (2018-08-20—2019-01-13)														Semester 4 (2019-01-14—2019-06-02)																										
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>																																	