

Academic Year Overview 2020/2021

Department: Product Development

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

Campus: **Jönköping**

Language: **English**

**Year 1 (Start Autumn 2020)**

**Programme code: TAMP7**

Semester 1 (2020-08-17—2021-01-17)														Semester 2 (2021-01-18—2021-06-06)																										
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</i>							<i>Non-linear Finite Element Analysis, 6 credits</i>							<i>Functional materials and Surfaces, 7,5 credits</i>							<i>Optimization Driven Design, 7,5 credits</i>																			
<b>(E) Elective course</b>							<i>Materials and Design 6 credits</i>							<i>Integrated Product Development 1, 7,5 credits</i>							<i>Integrated Product Development 2 7,5 credits</i>																			
<i>(E) Multivariable Calculus, 7,5 credits</i>																																								
<i>(E) Advanced CAD, 6 credits</i>																																								
<i>Computer Programming for Design Automation, 6 credits</i>																																								

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Semester 3 (2020-08-17—2021-01-17)														Semester 4 (2021-01-18—2021-06-06)																										
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</i>							<i>Computer Supported Engineering Design, 9 credits</i>							<i>Final Project Work in Product Development, 30 credits</i>																										
<i>Microstructural Engineering, 6 credits</i>							<i>Modelling and Simulation of Casting, 6 credits</i>																																	