

Academic Year Overview 2017/2018

Department: Product Development

Programme: **Materials and Manufacturing (one year master), Full time study (100%), 60 hp**Place of study: **Distans**Language: **English****Year 1 (Start Autumn 2017) Programme code: TAPU7**

Semester 1 (2017-08-21—2018-01-14)														Semester 2 (2018-01-15—2018-06-03)																																		
33/34	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>Microstructural Engeneering, 6 credits</i>							<i>Analysis of Casting Defects, 3 credits (Gjutfels-analys, 3 hp)</i>							<i>Moulding Materials in Foundry Technology, 3 credits (Formmaterial i gjuteriteknik, 3 hp)</i>							<i>Environmental Impact Assessment of Castings, 3 credits (Miljökonsekvensbedömning av gjutgoods, 3 hp)</i>							<i>Material Testing and Characterisation, 6 credits (Materialprovning, 6 hp)</i>							<i>Failure Analysis, 6 credits (Haverianalys, 6 hp)</i>							<i>Cast Design and Calculation, 3 credits (Gjutdesign och kalkylering, 3 hp)</i>						
<i>Component Casting, 6 credits (Komponentgjutning, 6 hp)</i>							<i>Melting and Casting of Ferrous Alloys, 3 credits (Smältning och gjutning av järn-legeringar, 3 hp)</i>							<i>Modelling and Simulation of Casting, 6 credits (Modellering och simulering av gjutning, 6 hp)</i>														<i>Final Project Work in Product Development, 15 credits (Examensarbete i Produktutveckling, 15 hp)</i>																				

Department: Product Development

Programme: **Materials and Manufacturing (one year master), Half-time study (50%), 60 hp**Place of study: **Distans**Language: **English****Year 1 (Start Autumn 2017) Programme code: TAPU7**

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