

Academic Year Overview 2020/2021

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 2020) Programme code: TAPU7**

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>Component Casting, 6 credits</i>						<i>Melting and Casting of Ferrous Alloys, 3 credits</i>			<i>Moulding Materials in Foundry Technology, 3 credits</i>				<i>Environmental Impact Assessment of Castings, 3 credits</i>				<i>Material Testing and Characterisation, 6 credits</i>					<i>Failure Analysis, 6 credits</i>					<i>Cast Design and Calculation, 3 credits</i>													

**Year 2 (Start Autumn 2019) Programme code: TAPU7**

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>Microstructural Engineering, 6 credits</i>						<i>Analysis of Casting Defects, 3 credits</i>			<i>Modelling and Simulation of Casting, 6 credits</i>								<i>Final Project Work in Product Development, 15 credits</i>																							