FACULTY OF NATURAL SCIENCES AND TECHNOLOGY

MSC-PROGRAMME IN LIGHT METALS, SILICON AND FERROALLOY PRODUCTION (MSLISIFER)

Term 1, 2, 3 and 4

LIGHT METALS, SILICON AND FERROALLOY PRODUCTION

Ex	Subject no.	Subject title	Note	Cr
		Compulsory courses		
1h	TMT4145	CERAMIC ENGINEERING		7,5
1h	TMT4155	HETEROGEN EQUILIBRIA		7,5
1h	TMT4306	MET PROD FERROALLOY		7,5
1h	TMT4330	RES ENERGY ENVIRONM		7,5
1v	TMT4208	FLUID/HEAT TRANSF AC		7,5
1v	TMT4252	ELECTROCHEMISTRY		7,5
1v	TMT4850	EXP IN TEAM INT PROJ		7,5
		Optional courses	1	
1v	TMT4166	EXP MATR/ELECTR CHEM		7,5
1v	TMT4335	CARBON MAT TECHN		7,5
		Compulsory courses		
2h	TMT4253	ELECTROCHEM PROCESS		7,5
2h	TMT4326	REFIN/RECYL METALS		7,5
2h	TMT5500	PROC MET ELECTR SP		15,0
		Master Thesis		
2v	TMT4905	MATR TECHN		30,0

Ex 1h = Term 1, Exam Autumn
Ex 1v = Term 2, Exam Spring
Ex 2h = Term 3, Exam Autumn
Ex 2v = Term 4, Master Thesis Spring

1) Select one of the courses.

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Term 1, 2
Term 3 and 4 (2015/16)

PHYSICAL METALLURGY AND DOWNSTREAM PROCESSING

Ex	Subject no.	Subject title	Note	Cr
		Compulsory courses		
1h	TMT4155	HETEROGEN EQUILIBRIA		7,5
1h	TMT4222	MECH PROP METALS		7,5
1h	TMT4330	RES ENERGY ENVIRONM		7,5
1v	TMT4210	MATR PROC MODELLING		7,5
1v	TMT4266	MET FORM MICROSTRUC		7,5
1v	TMT4300	LIGHT ELECT MICROSC		7,5
1v	TMT4850	EXP IN TEAM INT PROJ		7,5
		Optional courses	1	
1h	TMM4160	FRACTURE MECHANICS		7,5
1h	TMM4165	JOINING TECHNOLOGY		7,5
1h	TMT4145	CERAMIC ENGINEERING		7,5
1h	TMT4242	STEEL OFFSHORE		7,5
1h	TMT4255	CORROSION PROTECTION		7,5
		Supplementary courses	1	
1h	TMM4195	FATIGUE DESIGN		7,5
1h	TMT4253	ELECTROCHEM PROCESS		7,5
		Compulsory courses		
2h	TMT4260	MOD PHASE TRANSFORM		7,5
2h	TMT4500	MATERIALS TECHN SP		15,0
		Supplementary courses	1	
2h	TMM4160	FRACTURE MECHANICS		7,5
2h	TMM4165	JOINING TECHNOLOGY		7,5
2h	TMM4195	FATIGUE DESIGN		7,5
2h	TMT4145	CERAMIC ENGINEERING		7,5
2h	TMT4242	STEEL OFFSHORE		7,5
2h	TMT4253	ELECTROCHEM PROCESS		7,5
2h	TMT4255	CORROSION PROTECTION		7,5
2h	TMT4515	CHEM METH SYNT SC		7,5
		Master Thesis		
2v	TMT4905	MATR TECHN		30,0

Ex 1h = Term 1, Exam Autumn
Ex 1v = Term 2, Exam Spring
Ex 2h = Term 3, Exam Autumn
Ex 2v = Term 4, Master Thesis Spring

1) Optional/supplementary courses must be selected to obtain a total of 30 credits in each semester. Supplementary courses are not considered when planning the teaching and examination schedules.