

## FACULTY OF ENGINEERING SCIENCE AND TECHNOLOGY

### MSC-PROGRAMME IN NATURAL GAS TECHNOLOGY (MSGASTECH)

Term 1, 2, 3 and 4

Ex	Subject no.	Subject title	Note	Cr
1h	TEP4185	<b>Compulsory courses</b> NATURAL GAS TECHN		7,5
1h	TPG4140	NATURAL GAS		7,5
1v	-	EXP IN TEAM INT PROJ		7,5
		<b>Optional courses</b>	1	
1h	TEP4135	ENG FLUID MECH 1		7,5
1h	TEP4156	VISC FLOW/BOUND LAYER		7,5
1h	TEP4165	COMP HEAT/FLUID FLOW		7,5
1h	TEP4180	EXP METH PROC ENG		7,5
1h	TEP4240	SYSTEM SIMULATION		7,5
1h	TKP4170	PROCESS DESIGN PROJ		7,5
1h	TPK4120	SAFETY/RELIABILITY	2	7,5
1v	TEP4170	HEAT/COMBUST TECH		7,5
1v	TEP4195	TURBO MACHINERY		7,5
1v	TEP4215	ENERG UTIL/PROC INT		7,5
1v	TEP4250	MULTIPHASE TRANSPORT		7,5
1v	TEP4255	HEAT PUMP PROC SYST	2	7,5
1v	TKP4150	PETROCH/OIL REFINING		7,5
1v	TMT4285	HYDROGEN TECHN	2	7,5
1v	TPG4135	PROC OF PETR		7,5
1v	TPG5110	PETROLEUM ECONOMICS	2	7,5
		<b>Specialization courses</b>	3	
2h	TEP4515	THERMAL ENERGY SC		7,5
2h	TEP4525	INDUS PROC TECHN SC		7,5
2h	TEP4545	ENG FLUID MECH SC		7,5
		<b>Specialization projects</b>	4	
2h	TEP4510	THERMAL ENERGY SP		15,0
2h	TEP4520	INDUS PROC TECHN SP		15,0
2h	TEP4540	ENG FLUID MECH SP		15,0
		<b>Supplementary courses</b>	5	
2h	TEP4135	ENG FLUID MECH		7,5
2h	TEP4165	COMP HEAT/FLUID FLOW		7,5
2h	TEP4180	EXP METH PROC ENG		7,5
2h	TEP4240	SYSTEM SIMULATION		7,5
2h	TKP4170	PROCESS DESIGN PROJ		7,5
2h	TPK4120	SAFETY RELIABILITY		7,5
		<b>Master Thesis</b>	6	
2v	TEP4905	INDUS PROC TECHN		30,0
2v	TEP4915	THERMAL ENERGY		30,0
2v	TEP4925	ENG FLUID MECH		30,0

Ex 1h = Term 1, Exam Autumn

Ex 1v = Term 2, Exam Spring

- Optional courses must be selected to obtain a total of 30 credits in each semester.
- The course is not considered when planning the teaching and examination schedules.
- One specialization course must be chosen.
- One specialization project must be chosen according to the selected specialization course.
- Supplementary courses must be selected to obtain a total of 30 credits per semester. The courses are not considered when planning the teaching and examination schedules.
- The master thesis must be chosen according to the selected specialization.