

FACULTY OF ENGINEERING SCIENCE AND TECHNOLOGY

MSC-PROGRAMME IN NATURAL GAS TECHNOLOGY (MSGASTECH)

Term 1 and 2

Ex	Subject no.	Subject title	Note	Cr
1h	TEP4185	Compulsory courses IND PROC/ENERGY TECHN		7,5
1h	TPG4140	NATURAL GAS	1	7,5
1v	-	EXP IN TEAM INT PROJ		7,5
		Optional courses	2	
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	3	7,5
1v	TEP4150	ENERGY MANAGEM/TECH	3	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	3	7,5
1v	TKP4150	PETROCH/OIL REFINING		7,5
1v	TMT4285	HYDROGEN TECHN		7,5
1v	TPG4135	PROC OF PETR		7,5

Ex 1h = Term 1, Exam Autumn

Ex 1v = Term 2, Exam Spring

- 1) The course will not be taught in 2009/10.
- 2) Supplementary courses must be selected to obtain a total of 30 credits in each semester.
- 3) The course is not considered when planning the teaching and examination schedules.

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Term 3 and 4 (2010/11)

Ex	Subject no.	Subject title	Note	Cr
		Specialization courses	1	
2h	TEP4515	THERMAL ENERGY SC		7,5
2h	TEP4525	INDUS PROC TECHN SC		7,5
2h	TEP4545	ENG FLUID MECH SC		7,5
		Specialization projects	2	
2h	TEP4510	THERMAL ENERGY SP		15,0
2h	TEP4520	INDUS PROC TECHN SP		15,0
2h	TEP4540	ENG FLUID MECH SP		15,0
		Supplementary courses	3	
2h	TEP4135	ENG FLUID MECH 1		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
		Master Thesis	4	
2v	TEP4905	INDUS PROC TECHN		30,0
2v	TEP4915	THERMAL ENERGY		30,0
2v	TEP4925	ENG FLUID MECH		30,0

Ex 2h = Term 3, Exam Autumn

Ex 2v = Term 4, Master Thesis Spring

- 1) One specialization course must be chosen.
- 2) One specialization project must be chosen according to the selected specialization course.
- 3) 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.
- 4) The master thesis must be chosen according to the selected specialization.