

# FACULTY OF ENGINEERING SCIENCE AND TECHNOLOGY

## MSC-PROGRAMME IN SUSTAINABLE ENERGY (MSSE)

Term 1, 2, 3 and 4

Ex	Subject no.	Subject title	Note	Cr
		<b>Compulsory courses</b>		
1h	TEP4165	COMP HEAT/FLUID FLOW		7,5
1h	TEP4185	NATURAL GAS TECHN		7,5
1v	-	EXP IN TEAM INT PROJ		7,5
1v	TEP4130	HEAT MASS TRANSFER		7,5
1v	TEP4255	HEAT PUMP PROC SYST		7,5
		<b>Optional courses</b>		
1h	TEP4180	EXP METH PROC ENG	1	7,5
1h	TEP4212	GAS CLEAN/EMISSION	2	7,5
1h	TEP4223	LIFE CYCLE ASSESSM	2	7,5
1h	TEP4235	ENERGY MANAG BUILD	2	7,5
1h	TEP4240	SYSTEM SIMULATION	1	7,5
1v	TEP4220	ENERGY/ENV CONSEQUEN	3	7,5
1v	TEP4260	HEAT PUMP BUILDINGS	3	7,5
1v	TEP4265	THERMAL PROCESS FOOD	3	7,5
		<b>Specialization</b>		
2h	KULT2207	GENDER/NORW CULTURE	4,5	7,5
2h	TEP4180	EXP METH PROC ENG	4	7,5
2h	TEP4223	LIFE CYCLE ASSESM	4	7,5
2h	TEP4520	INDUS PROC ENG SP		15,0
2h	TEP4525	INDUS PROC ENG SC		7,5
		<b>Master Thesis</b>		
2v	TEP4905	INDUS PROC ENG		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.
- 2) Select one of the courses.
- 3) Select one of the courses.
- 4) Select one of the courses.
- 5) This course is compulsory for students from Shanghai Jiao Tong University.