

## FACULTY OF ENGINEERING SCIENCE AND TECHNOLOGY

### MSC-PROGRAMME IN PETROLEUM ENGINEERING (MSG1)

Term 1, 2, 3 and 4

Ex	Subject no.	Subject title	Note	Cr	Specialization		
					1	2	3
		<b>Compulsory and optional courses</b>					
1h	TPG4117	UNCONVENT RESERVOIRS	1	7,5	v	-	-
1h	TPG4145	RESERVOIR FLUIDS		7,5	o	v	o
1h	TPG4150	RESERVOIR REC TECHN		7,5	o	o	o
1h	TPG4151	SUBSUR DECIS ANALYS	2	7,5	v	v	v
1h	TPG4162	3D VISUAL PETR DATA	2	7,5	v	v	v
1h	TPG4175	PETROPHYSICS FUND		7,5	v	v	v
1h	TPG4177	CARB RESERVOIR CHAR		7,5	v	v	v
1h	TPG4215	HIGH DEV DRILLING		7,5	v	o	v
1h	TPG4235	WELL TESTING AC		7,5	v	v	v
1h	TPG5100	MATH/COMPUTER METHOD		7,5	o	o	o
1h	TPG5140	SPEC SUB SURF MAN	2	7,5	v	v	v
1v	-	EXP IN TEAM INT PROJ		7,5	o	o	o
1v	TPG4115	RES PROP DETERMIN		7,5	v	-	-
1v	TPG4160	RESERVOIR SIMULATION		7,5	o	v	v
1v	TPG4180	PETR PHYS INTERPR AC		7,5	v	v	v
1v	TPG4205	DRILL TECH PR CONTR		7,5	v	v	v
1v	TPG4220	DRILLING FLUID		7,5	v	o	v
1v	TPG4225	FRACTURED RESERVOIRS	2	7,5	v	-	-
1v	TPG4230	FIELD DEVELOPMENT		7,5	v	v	o
1v	TPG5110	PETROLEUM ECONOMICS	2	7,5	v	v	v
2h	TPG4140	NATURAL GAS		7,5	v	v	v
2h	TPG4177	CARB RESERVOIR CHAR		7,5	v	v	v
2h	TPG4185	FORMATION MECHANICS		7,5	v	v	v
2h	TPG4235	WELL TESTING AC		7,5	v	v	v
2h	TPG4250	ELECTROM METH OIL EX		7,5	v	v	v
2h	TPG4255	CO2 STORAGE		7,5	v	v	v
		<b>Specialization courses</b>					
2h	TPG4515	PETR PROD SC		7,5	-	-	o
2h	TPG4525	DRILLING ENG SC		7,5	-	o	-
2h	TPG4535	RESERVOIR ENG SC		7,5	o	-	-
		<b>Specialization project</b>					
2h	TPG4510	PETR PROD SP		15,0	-	-	o
2h	TPG4520	DRILLING ENG SP		15,0	-	o	-
2h	TPG4530	RESERVOIR ENG SP		15,0	o	-	-
		<b>Master Thesis</b>					
2v	TPG4920	PETROL ENGINEERING		30,0	o	o	o

o - compulsory courses

v - optional courses

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) The courses must be selected to obtain a total of 30 credits in each semester. In addition to the subjects listed 2h students can choose from 1h Petroleum Engineering, 1h Petroleum Geosciences and PhD-courses.
- 2) The course is not considered when planning the teaching and examination schedules.

Specialization:

- 1 Reservoir Engineering and Petrophysics
- 2 Drilling Engineering
- 3 Petroleum Production