

Table 1: DDP in Geology: Courses Semester 1 -at UM

No.	Title of course	ECTS-Credits
	Numerical Methods And Optimization	2
	Applied Geology	3
	Computer Applications II.	3
	Applied Geophysics	3
	Geothermal Energy	3
	Petroleum Economic	2
	HSE In Petroleum Engineering	3
	Artificial Lifting I.	5
	Reservoir Simulation	5
	Process Simulation Using ASPEN HYSYS	2
	Total courses	31

Table 2: DDP in Geology: Courses Semester 2 -at UM

No.	Title of course	ECTS-Credits
	Transport Of Hydrocarbons	3
	Graduate Research Seminar	2
	Reservoir Engineering Fundamentals	6
	Production Engineering Fundamentals	6
	Drilling Engineering I	6
	Subsurface Field Development	3
	Free Elective	3
	Total courses	29

Table 3: DDP in Geology: Courses Semester 3 - at MUL

No.	Title of course	ECTS-Credits
	Geological Carbon & Hydrogen Storage	3
	Special Core Analysis	4
	Enhanced Oil Recovery in Fractured Reservoirs	4
	Geothermal Reservoir Engineering	3
	Wellbore and Reservoir Geomechanics	3
	Well Integrity	3
	Reservoir Management	4
	Field Development Project	3
	Free elective	3
	Total courses	30

Table 4: DDP in Geology: Courses Semester 4 -at MUL

No.	Title of course	ECTS-Credits
	Thesis/Research Project (Co-supervised and Mentored by Faculty from both universities)	30

Students shall submit the subject of their master's thesis at the university where the thesis work will be supervised (UM or MUL) and present it to the respective institute or competent body legitimized for approval or disapproval.

Students must have a Final Exam.

The master's thesis shall be written in English.

The master's thesis and the utilisation of its results are subject to the legal provisions of the respective country (in particular concerning copyright and industrial property rights).