

COURSES CODE	COURSES NAME	SKS	CHARACTERISTIC
TM6006	Professional Ethics	3	Elective
TM6007	Advanced Petroleum Engineering Mathematics	3	Elective
TM6008	Advanced Petrophysics	3	Elective
TM6009	Fluid Flow Through Porous Media	3	Elective
TM6010	Pressure Transient Analysis	3	Elective
TM6011	Advanced Reservoir Simulation	3	Elective
TM6012	Special Topics in EOR	3	Elective
TM6013	Special Topics in Non-Conventional Hydrocarbon	3	Elective
TM6014	Logging Equipment and Control	3	Elective
TM6015	Carbonate and Naturally Fractured Reservoir	3	Elective
TM6016	Chemical EOR	3	Elective
TM6017	Miscible EOR	3	Elective
TM6018	CBM Technology	3	Elective
TM6019	Special Topics in Reservoir Engineering	3	Elective
TM6020	Special Topics in Formation Evaluation	3	Elective
TM6021	Special Topics in Natural Gas Engineering	3	Elective
TM6022	Geology & Reservoir Characterization and Description	3	Elective
TM6025	Special Topics in Drilling Engineering	3	Elective
TM6026	Thermal Flooding	3	Elective
TM6027	Surface Facilities Design	3	Elective
TM6028	Non Thermal EOR	3	Elective
TM6029	Production Optimization	3	Elective
TM6030	Advanced Petroleum Artificial Intelligence	3	Elective
TM6031	Advanced Well Stimulation	3	Elective
TM6032	Special Topics in Production Engineering	3	Elective
TM6034	Economic and Financing Analysis of Oil & Gas Project	3	Elective
TM6035	Decision and Risk Analysis in Oil and Gas Project	3	Elective
TM6036	Oil & Gas Project Management and Accounting	3	Elective
TM6037	Optimization Method for Oil and Gas Sector	3	Elective
TM6038	Environmental Impact Prevention in Oil and Gas Project	3	Elective
TM6039	Reservoir Management	3	Elective
TM6040	Reservoir Engineering and Management	3	Elective
TM6041	Planning Of Oil Field Development	3	Elective
TM6044	Special Topics in Oil & Gas Economics	3	Elective
TM6045	Special Topics in Oil & Gas Regulation	3	Elective
TM6046	Energy Resources	3	Elective
TM6047	Economic and Financing Analysis of Energy Project	3	Elective
TM6048	Prevention of Environmental Impact of Oil and Gas Projects	3	Elective
TM6049	Energy Economics	3	Elective
TM6050	Energy Modeling	3	Elective
TM6051	Energy Policy and Planning	3	Elective
TM6052	Regulation of Energy Sector	3	Elective
TM6054	EOR Methods	3	Elective
TM6055	Immiscible EOR	3	Elective
TM8001	Philosophy of Science	2	Mandatory

TM8002	Research Method	3	Mandatory
TM8003	Qualifying Examination	3	Mandatory
TM8004	Research Proposal	3	Mandatory
TM8005	Research and Progress Report 1	5	Mandatory
TM8006	Research and Progress Report 2	5	Mandatory
TM8007	Research and Progress Report 3	5	Mandatory
TM8008	Research and Progress Report 4	5	Mandatory
TM9099	Disertation Examination	3	Mandatory