

Institute of Geology and Petroleum Technologies		
Complex data analysis in Petroleum geosciences		
1 semester		
№	Name of the discipline	Quantity of auditorium hours/ Total
1.	Modern Problems of Economics, organization and management in the field of exploration and subsoil	30/144
2.	Reservoir characterization and modelling	42/144
3.	Academic communication	54/108
4.	Sedimentology	36/90
5.	Geoinformation Technologies	14/72
6.	Well Logging Interpretation	40/144
7.	Seismic Interpretation	38/108
8.	Modern technologies interpretation of geophysical researches of wells / Fluid-flow in porous medium	26/108
9.	Research work	18/36
10.	Elective course: History and methodology of Geological Sciences	22/72
2 semester		
11.	Reservoir characterization and modelling	14/72
12.	Current Issues in Geology	38/108
13.	Hydrodynamic researches of wells	30/72
14.	Analysis of sedimentation basins	34/72
15.	Sedimentology	16/54
16.	Geochemistry in Petroleum Geology	32/108
17.	Elective Course – Geostatistics / Mathematical Methods in Geology	36/72
18.	Elective Course – Geological modelling / Hydrodynamic modelling	36/108
19.	Internship	540
3 semester		
20.	Oil and Gas Field Development	38/108
21.	Enhanced Oil Recovery	22/108
22.	Elective Course – Management / Project Management / Personal development and planning for a successful career	14/36
23.	Elective Course – Application of GPS to Geodesy, Cartography and Navigation / Geomechanical modelling	26/72
24.	Elective Course – Non-conventional resources and methods for their recovery / Directional drilling and geomechanics	26/108
25.	Research work	10/540
4 semester		
26.	Research work	432
27.	Undergraduate practice	432
28.	State final examination	324