

Institute of Geology and Petroleum Technologies		
Stratigraphy of Oil and Gas Basins		
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.	Modern methods of stratigraphic studies	26/108
5.	Sedimentology and lithostratigraphy	28/108
6.	Elective Course – Skeletal Biomineralization: Patterns, Processes, and Evolution/ Palynological analysis	38/108
7.	Research work	180
8.	Elective Course – History and methodology of Geological Sciences	22/72
2 semester		
9.	Reservoir characterization and modelling	14/72
10.	Modern Problems of Geology	38/108
11.	Sequence stratigraphy	28/72
12.	Chemostratigraphy	28/72
13.	Applied micropalaeontology	28/72
14.	Chronostatigraphic Division of the Precambrian	28/108
15.	Elective Course – Mathematical methods in paleontology and stratigraphy / Paleontological description and nomenclature	42/108
16.	Elective Course – Carbonate Sequence stratigraphy / The stratigraphy of the sedimentary deposits of minerals of the world	26/72
17.	Research work	36
18.	Field trip	540
3 semester		
19.	Basin Analysis	24/72
20.	Zonal stratigraphy of the Phanerozoic	24/72
21.	Modern methods of biostratigraphy	24/108
22.	Chronostratigraphy and International Stratigraphic Chart	24/108
23.	Elective Course – Management / Project Management / Personal development and planning for a successful career / Report and Thesis Writing	14/36
24.	Elective Course – Biogeography of the Phanerozoic / Siliciclastic Sequence stratigraphy	24/72
25.	Elective Course – Applied geomagnetic methods / Paleomagnetic Scales	26/72
26.	Elective Course – Event stratigraphy of the Phanerozoic / Isotopic geochronology	26/72
27.	Research work	360
4 semester		
28.	Undergraduate practice	432
29.	Research work	432

30.	State final examination	324
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