

**Annotation to discipline
“Mining Geotechnology”**

Total work content of discipline learning is 3 points of credit (108 hours).

Purpose of discipline. Give future mining engineers knowledge of the well development of energy, mineral and water resources of the Earth and to examine the physical and chemical processes of mining, methods for their implementation

Tasks of discipline. One of the main tasks of Geotechnology is a collection of processes, procedures and equipment needed for the transfer of minerals in liquid or gaseous state in their places of occurrence for production without human presence.

Main didactic units (parts).

Classification of mining facilities and wells.

The methods of mining, drilling wells.

Flow charts of horizontal and inclined mine workings.

Technology parameters of sewage treatment works in underground and open-pit coal, ore and non-metallic deposits.

Systems and methods for hydrocarbon development, methods of operation of wells for oil, gas and gas condensate, process flow diagrams of transportation.