

Annotation to discipline “Professional duties and tasks of Masters”

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

Purpose of discipline. To shape special skills and knowledge that will be enough for fulfillment of tasks and duties of specific level of professional activity, expert, who is able to do a job of academics, research fellow of the research institutions and the mining engineer mining company with a research activity levels
After studying the discipline specialist is supposed to be able to perform scientific, research and scientific and technical work to improve existing and develop new teaching methods, processes and equipment.

Tasks of discipline. To grasp production functions, typical activity tasks and skills, which are essential for graduates. Masters are supposed to fulfill the following functions: shaping the content of education and training, design maintenance of discipline, the organization of the educational process, the formation of complex tasks of qualification, the organization of the educational process, the selection and implementation of technology education (instructional role), the application of a systems approach and system analysis of events (or innovation) and the implementation of research (R & D function), analysis of the geological conditions of mining to determine the effectiveness of the state of the rock mass, the definition of construction and mining parameters and structures, determination of structures and systems parameters of ore, non-metallic and coal deposits.

Main didactic units (parts).

- The modern view of the world
- Qualification Requirements Masters
- Production functions, typical tasks and skills required of the Masters
- Instructional role
- The research function
- Technology function
- Implementation of research and design work