

Summary of discipline Physical Process Informativity Discipline "Informational physical processes" is included in the variable part of the program to a group of self-selection sciences institution of higher education (university) education curriculum - qualification of "specialist".

The role and importance of this discipline is the training of scientific - research focus within the specialty "Information technologies in instrument." Studying discipline students must form a sufficiently clear idea of ??informative physical processes relating to the mechanical and thermal physical quantities (parameters).

Discipline "Informational physical processes" consider, based on the main provisions providing following subjects:

- Higher mathematics.
- General Physics.
- Physical principles of measuring change.
- Theoretical mechanics.
- Applied mechanics.
- Metrology.
- Basics of labor protection.
- and others.

The main goals of practical lessons:

- Entry into elements of competence in systems analysis informative efficiency of processes in hydrodynamics and hydrostatics.
- Entry into elements of competence in systems analysis informative efficiency of processes of interaction of fluid flows (gas) with elastic structures, moving pipelines, bodies that have the ability to move, fixed solids and others.
- Entry into elements of competence in systems analysis informative efficiency of elastic structures made of metal.