Summary of the discipline

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| Discipline (Module) | **Physics, mathematics** |
| Implemented competencies | UC-1 is able to carry out a critical analysis of problematic situations based on a systematic approach, and develop a strategy for action. |
| The results of mastering the discipline (module) | UC - 1.1. Knows the theory of the system approach; the sequence and requirements for the implementation of search and analytical activities to solve the tasks;  UC - 1.2 highlights the stages of solving and actions to solve the problem; find, critically analyze and select information, necessary to solve the problem; considers various options for solving the problem;  UC - 1.3. evaluates advantages and risks when analyzing problematic situations; formulates competently, logically, and reasonably; own judgments and assessments; distinguishes facts from opinions, interpretations, assessments, etc. in the reasoning of other participants in the activity;  UC-1.4 considers and suggests possible solutions to the problem, assessing the practical consequences of possible solutions to the tasks set. |
| Labor intensity | 108 / 3 |
| Reporting forms (including by semester) | credit (1 semester ) |