Summary of the discipline

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| Discipline (Module)  | **Biology** |
| Content  | The fundamental foundations of cell biology, genetics, developmental biology, micro- and macroevolution, anthropogenesis, general ecology, parasitology, and human ecology. |
| 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. GPC-3. He is capable of countering the use of doping in sports and combating it among the population. |
| Indicators of competence achievement | 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; to find, critically analyze and select the information necessary to solve the task; 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. GPC-3.1. Is guided by modern requirements in the field of combating doping and countering its use in sports. GPC-3.2 Evaluates and classifies pharmacological preparations of different groups and classes prohibited for use by the Commission of the International Olympic Committee.GPC -3.3. Analyzes biochemical and molecular- biological mechanisms of the development of pathological processes in the cells and tissues of the athlete's body when taking illegal drugs. |
| Labor intensity | 216/6 |
| Reporting forms (including for semester) | 1 semester - control work 2 semester - exam |