

List of subjects for “Biotechnology” field of study

1. Mathematical modeling and information technology in design
2. Professional foreign language
3. Economic justification of project solutions
4. World view security basics
5. Management psychology
6. Risk management, system analysis and modeling
7. Management of technology-related safety
8. Gene engineering and biosafety
9. Bacteriogenic biotechnological products
10. Effects of environmental engineering and water management on environment
11. Industrial use of microorganisms
12. Water chemistry and microbiology
13. Waste water treatment
14. Biotransformation
15. Industrial microorganisms and ferments
16. Biocorrosion activity of soil at pipeline route
17. Biotechnological processes of heavy-metal contaminated soils reclamation
18. Biomediation of environmental medium contaminated with oil and oil products
19. Biological preparation for oil contaminated soils reclamation
20. Education internship (internship for getting primary professional skills, including skills for research)
21. Production internship (internship for getting professional skills and experience in the field of study)
22. Production internship (pre-diploma practice)
23. Production internship (research)
24. State exams
25. Biosensors design engineering