

List of subjects for “Energy- and resource efficient processes in chemistry technology, petrochemistry and biotechnology”

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 security
8. Gene engineering and biosafety
9. Modern problems in science and production in the field of environmental protection
10. Ecological problems of the region
11. Methods for optimization and organization of resource-saving processes
12. Research basics and experiment planning
13. Methods and means for environment quality control
14. Methods of analytical control of environment contamination
15. Green design and expertize
16. Environmental support of project documentation for construction and reconstruction of enterprises
17. Environment protection in oil and gas complex
18. Environmental support of economic activity
19. Design engineering of environmental safety systems
20. Calculation and design engineering of eco- and biological protection equipment
21. Environmental safety of enterprise
22. Geoinformational technology in environmental protection
23. Education internship (internship for getting primary professional skills, including skills for research)
24. Production internship (internship for getting professional skills and experience in the field of study)
25. Production internship (pre-diploma practice)
26. Production internship (research)
27. State exams