

List of subjects for “Technogenic safety” field of study

Major – Engineering protection of environment

1. History
2. Foreign language
3. Philosophy
4. Life safety
5. Physical education
6. Enterprise economics and production management
7. Physics
8. Mathematics
9. Computer science
10. Ecology
11. Applied mechanics
12. Technical systems reliability
13. Automatic control theory
14. Electrical engineering and electronics
15. Metrology, standardization and certification
16. Material science
17. Engineering drawing and computer graphics
18. Chemistry
19. Research basics
20. Human anatomy and physiology
21. Toxicology
22. Theoretical basics of environment protection
23. Ecosystems analysis methods
24. Mathematical modeling basics in ecology
25. Environmental protection legislation
26. Environmental control methods and devices and ecological monitoring
27. Industrial safety
28. Protection control
29. Fire-explosion safety
30. Emergency protection
31. Occupational safety and health
32. Physical characteristics of industrial health hazard
33. Safety monitoring
34. Applied physical education
35. Industrial ecology
36. Environmental pollution regulation and control
37. Metrology
38. Metrology and climatology basics
39. Earth science
40. Geosciences
41. Low-waste and resource-efficient technology
42. Protection of environment from production and consumer waste
43. Engineering ecology
44. Industrial facility impact on environment
45. Environmental management and protection economy
46. Environmental management economy
47. Environmental protection in economic activity
48. Ecological support of economic activity
49. Environment protection processes and devices
50. Ecological and bioprotection engineering and calculation
51. Utility networks and equipment
52. Education internship (internship for getting primary professional skills, including skills for research)
53. Production internship (internship for getting professional skills and experience in the field of study)
54. Production internship (pre-diploma practice)
55. Production internship (technological practice)
56. Production internship (research)
57. State exams
58. Elementary mathematics