

### **List of subjects for “Chemical technology” field of study**

1. Mathematical modeling of technological processes and complexes
2. Economic justification of project solutions
3. Research basics
4. Professional foreign language
5. Staff management
6. Molecular modeling
7. Modern problems in science and production
8. Filled polymers
9. New organic materials
10. Theory of carbon material synthesis
11. Mass transfer with solids
12. Catalysis and adsorption
13. Carbon black appliance
14. Advanced petroleum refining
15. Advanced petroleum refining and carbon material production
16. Education internship (internship for getting primary professional skills, including skills for research)
17. Production internship (internship for getting professional skills and experience in the field of study)
18. Production internship (pre-diploma practice)
19. Production internship (research)
20. State exams
21. Polymer processing