

List of subjects for “Instrument engineering” field of study

1. Computer technology in research
2. Professional foreign language
3. World view security basics
4. Pedagogics basics
5. Special power sources
6. Theory and methods of monitoring and diagnostics
7. Mathematical modeling and information technology in design
8. Theory of electromagnetic compatibility of radioelectronic means and systems
9. Electric and nonelectric quantity measurement means and systems
10. Radiotechnical systems for information transmission
11. Design engineering of means for identification signal measurement
12. Automated measuring systems
13. Metrology expertise of technical projects
14. Hardware-software means of measuring systems
15. Modern technology in radioelectronic means production
16. Information technology in instrument engineering
17. High-level programming language
18. Modern radio communication systems
19. Automated design engineering of devices and systems
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