

List of subjects for “Electronics and nanoelectronics” field of study

1. Computer technology in research
2. Professional foreign language
3. World view security basics
4. Pedagogics basics
5. Modern systems of radio communications
6. Special power sources
7. Theory and methods of monitoring and diagnostics
8. Mathematical modeling and information technology in design
9. Theory of electromagnetic compatibility of radioelectronic means and systems
10. Electric and nonelectric quantity measurement means and systems
11. Radiotechnical systems for information transmission
12. Design engineering of means for identification signal measurement
13. Computer radioelectronics technology in research
14. Electric-chemical generators
15. Thermal control methods and means
16. Modern problems in field of study and their resolutions
17. Optoelectronic device design engineering
18. Modern industrial electronic devices
19. Education internship (internship for getting primary professional skills, including skills for research)
20. Production internship (internship for getting professional skills and experience in the field of study)
21. Production internship (pre-diploma practice)
22. State exams