

List of subjects for “Information and communication technology and communication systems” 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 communication
6. Special power systems
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. Design of information and communication networks and systems
14. Equipment for professional radio communication
15. Methods and devices for spread spectrum signal generation and processing
16. Guiding medium in information and communication systems
17. Fiber-optics transmission systems
18. Technical operation of telecommunication systems
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