

**List of subjects for “Information and communication technologies and special communication systems” field of study**

1. History
2. Foreign language
3. Philosophy
4. Life safety
5. Physical education
6. Physics
7. Economics
8. Mathematics
9. Ecology
10. Computer science
11. Electroradio measurements metrology
12. Digital signal processing
13. Circuit theory basics
14. Basics of radio automatics and technical systems control
15. Engineering and computer graphics
16. Circuitry and system engineering of electronic systems
17. Electrodynamics and propagation of radio waves
18. General communication theory
19. Electronic equipment
20. Digital devices and microprocessors
21. Basics of radio electronic devices computer modeling
22. Basics of radio electronic systems reliability theory
23. Functional electronics
24. Electric supply for radio electronic systems
25. Radio technical circuits and signals theory basics
26. Antennas and UHF-Equipment
27. Electroradio measurements
28. Guiding media in telecommunication
29. PLD design of equipment
30. Introduction to the field of study
31. Basics of design and production technology of radioelectronic systems
32. Scientific and research activity
33. Radio transmitting equipment
34. Radio receiving equipment
35. Mobile telecommunication systems for special purposes
36. Radio materials and radio components
37. Solid-state and optical electronics
38. Chemistry
39. Technical support of communication and automation
40. Digital radio receiving equipment
41. Radio communication systems for special purposes
42. Radio relay and satellite transmission systems for special purposes
43. Operation of infocommunicational systems for special purposes
44. Infocommunicational systems for special purposes
45. Wideband communication system
46. Basics of communication systems design
47. Applied physical education
48. Work with communication systems
49. Operation of complexes and means of special radio electronic communication
50. Tactical training
51. Organization of special radio communication
52. General military training
53. Communication systems mathematical modeling
54. Programming and information security methods and algorithms in telecommunications
55. Programming basis
56. Professional radio equipment and teletraffic theory
57. Infocommunicational technologies in telecommunication