

### **List of subjects for “Standardization and metrology” field of study**

1. Professional foreign language
2. Research basics, experiment planning and organization
3. Innovative projects management
4. Effective communication in groups
5. Mechanical systems dynamics
6. CAD
7. Theory and methods of technical systems design engineering
8. Mathematical modeling of technical facilities
9. Legal metrology
10. Modern problems in the field of study and their solutions
11. Development and certification of measurement methods
12. Technological measurement and devices
13. Testing and calibration of measuring devices
14. Measuring, control and testing automation
15. Automated measuring systems
16. Comparative tests
17. Uncertainty of measurement results
18. Metrological expertise of technical facilities
19. Metrological expertise of process documentation
20. Metrological support economics
21. Assessment methods of metrological support efficiency
22. Technical systems reliability
23. Reliability and durability of constructions
24. Education internship (internship for getting primary professional skills, including skills for research)
25. Production internship (internship for getting professional skills and experience in the field of study)
26. Production internship (pre-diploma practice)
27. Production practice (research)
28. State exams