

**List of modules for “Mathematical modeling, numerical methods and program complexes”**

1. Foreign language
2. History and philosophy of science
3. Decision making models and methods
4. Research methodology
5. Basics of teaching in higher educational institutions
6. Mathematical modeling, numerical methods and program complexes
7. Production internship (pedagogic)
8. Production internship (research)
9. State exams
10. Theory and practice in research
11. Effective communication in groups
12. Modeling systems and simulation modeling