

## CHEMISTRY

The learning goal of the academic discipline “Chemistry” at the pre-university stage is training foreign students for studying chemical subjects at the medical universities along with Russian-speaking students.

At the Preparatory Faculty foreign students have the opportunity not only to “translate” into Russian knowledge in chemistry they have acquired in their countries, but to fill gaps in their basic education, widen and deepen those parts of Chemistry which are the basis for further learning chemical disciplines at the university. While training at the Department of Chemistry students acquire the skills of lecture listening and note-taking, various test performing, etc., which play an important role in their adaptation to training in the Russian-speaking audience.

Having completed the course of Chemistry according to pre-university training program foreign students should know:

- the basic notions and laws of chemistry;
- the molecule and atom structure;
- regularity of chemical reactions;
- properties and methods of producing the most important classes of organic and inorganic substances;

- be able:

- to use Russian chemical terminology for expressing chemistry knowledge they obtained;
- to apply knowledge for solving computational and qualitative problems in chemistry;
- to use the simplest chemical equipment.