

Course Description

The course "Laser systems in medicine" refers to the variable part of interdisciplinary professional module.

The aims of this discipline are:

in the field of education - the formation of special knowledge, skills and calculation skills, design and operation of laser medical devices and systems, as well as competences in the field of modern electronic medical equipment;

in the field of training - teach effectively work individually and in a team, to show the skills necessary for professional, personal development;

in the field of professional activity - to prepare students for the further development of new professional knowledge and skills, self-learning, continuous professional self-improvement.

The goal is achieved by using the following modalities: Lectures (8 hrs.), Practical exercises (24 hrs.), Laboratory work (16 hrs.), self-learning of the students (168 hrs.). The goal is also achieved with the use of modern multimedia technology and laboratory equipment.