

**Laboratory of Applied Biotechnology- laboratory (60 h, ECTS 5)**

Subjects of laboratory modules (e.g. microbial cultures, biosensors, biocompatible materials, bioprocesses) are flexible and they will be collected by the head of the laboratory and presented to the students at the beginning of the classes. Students will work individually or in groups on given biotechnological subjects in laboratory. The subject of the course will be focused on processes, their control and optimization and application of modern laboratory facilities (bioreactors, microscopes, clean technologies) for better understanding and solving of given biotechnological problem.