

## **Methods of Teaching in Higher School**

1. Lecturer: Avksentyeva Olha Oleksandrivna, associate professor of the department of plant and microorganism physiology and biochemistry.
2. Status: compulsory for masters.
3. Course, semester: 1th academic year, 1th semester.
4. Number of credits – 1,5, general academic hours – 54, lectures – 18, self-study – 36.
5. Preliminary requirements: basics of Pedagogy, Psychology, Physiology
6. Description of the course: the course “Methods of Teaching in Higher School” provides modern ideas of integrated and system-consistent system of knowledge about didactics training of highly qualified personnel, bases techniques and methodologies of teaching specialty "Plant Physiology and Biochemistry" and "Microbiology and Virology" and practical guidance skills necessary for a professional activity in teaching biology. Within the course the structure and content of educational process in higher school, the work a teacher, head of department, various methods for various types of classes are discussed and training.

Sections: National System of Higher Education. Laws, principles, methods and forms of teaching in higher school. Didactic requirements for the preparation and conducting of the educational process in higher school. Professional requirements of a higher school lecturer.

### Knowledge and skills:

- Historical information on the development, establishment and modern methods of teaching in Ukrainian Higher School and in the world;
  - Terminology (conceptual apparatus) didactics;
  - The structure of the educational process in higher school;
  - Use of different forms of training in universities (lectures, seminars, laboratory, individual work etc);
  - The variety of evaluation and monitoring of student knowledge;
  - Forms of classes and methods of their implementation in higher school;
  - Work out an individual plan of teachers;
  - Planning a work program of a chosen discipline;
  - Preparing and conduct classes (lecture, laboratory, practical classes, seminars);
  - Analyzing didactic materials of courses Plant Physiology and Biochemistry and Microbiology (textbooks, tutorial, workshop, laboratory, etc.);
  - Use of different forms of assessments of student learning at teaching courses in biological sciences;
7. Course organization: lectures and seminars. Forms of control: tests, conducting one of classes, final test.
  8. Language: Ukrainian.
  9. Educational and methodological support: program, schedule of classes, educational and multimedia presentations, methodical complex, guidelines for practice.

### Studentbooks:

1. *Закон України «Про вищу освіту»* <http://osvita.ua/legislation/law/2235/>
2. *Положення про організацію навчального процесу в Харківському національному університеті імені В.Н. Каразіна.* – Харків, 2015. – 70 с.
3. *Барбашова І.А. Дидактика: навч. посібник для ст-тів ВНЗ / І.А. Барбашова.* – 2-е видання. – Донецьк: Ландон-XXI, 2011. – 228 с.
4. *Гурвич С. С., Погорелко Л.Ф., Герман Н.А. Основы риторики : Вища школа, 1988. –248 с.*
5. *Нагаєв М.М. Методика викладання у вищій школі: Навч. посібник.* –К.: Центр учбової літератури, 2007. – 232 с.