**1. Module name: Methods of teaching Biology at higher school**

**2. Module** **code:** БМН\_8\_3.1.03\_4.5

**3. Module** **type:** compulsory

**4. Semester**:2

**5. Module structure**: total number of academic hours – 162 (ECTS credits – 4,5); class hours – 64 (lectures – 32, practical classes – 32)

**6. Lecturer:** Volodymyr I. Shuldyk– candidate of pedagogical sciences, assistant professor

**7. Education outcomes:**

After the module studying a student **is to**

**know:**

content of the course, the latest scientific datum which ensure teaching on the level of modern development of Pedagogical and Biological sciences; peculiarities of realization of didactic principles; methods of students’ knowledge and skills mastering; to possesses high pedagogical culture, to be professional and humanist.

**to be able to** **:** choose educational material; use different methods of students mentality development, stimulate them to individual, creative cognitive activity; form skills of self-education, self-analyses, positive attitude to education; teach students accessible, logic and emotionally; stimulate students activity, mend contacts with them; form students cognitive necessity, demand to be successfully, and openness for communication.

**8. Teaching mode:** classes

**9. Required compulsory prior and related modules**: Age and pedagogical Psychology, Social Psychology, Higher school Pedagogy, Biological disciplines.

**10. Module content:**

Methods of teaching at higher school, their formation and development, content of biological education on the Natural-Geographical department; process, principles and methods of teaching of biological disciplines; kinds and authors of methodical systems of teaching; forms of organization of biological disciplines teaching; control over students educational activity; subjects of pedagogical process in higher educational establishments and their interaction.

**11. Literature to use:**

1. Архангельський С.И. Учебный процесс в высшей школе, его закономерные основы и методы. – М., 1980. – 256 с.

2. Лекції з педагогіки вищої школи: Навчальний посібник / За ред.. В.І.Лозової. – Харків: «ОВС», 2006. – 496 с.

3. Шулдик В.І. Курс методики викладання біології в модулях.: Підручник для студентів, магістрантів та молодих учителів біології. К.: Наук. світ, 2000. – 289 с.

**12. Forms and methods of instruction:** lectures,practical classes, individual work.

**13. Evaluation methods and criteria:**

* + Current control (70%): oral feedback, module tests, individual research assignments;
* Final control (30%, exam): final testing, control testing

**14. Language of instruction:** Ukrainian