

Name of the Discipline	Pedagogical Qualification Practice
Semester(s)	7-8
Responsible teacher	Khamrayeva Nafisa Tirkashevna, Doctor of Philosophy (PhD) in Biological Sciences, Associate Professor Siddikova Shakhnoza Akhmedovna, senior teacher, Doctor of Philosophy (PhD) in pedagogical sciences Makhammadiyev Davron Muyassarovich, senior teacher Aberkulov Egamberdi Abduraimovich Teacher
Language of teaching/learning	Uzbek
Connection to the curriculum	Compulsory
Forms of teaching/learning	Practical
Academic workload (including contact hours and self-study)	Total work load: 360 hours Contact hours lecture 0 hours practical lesson 0 hours IWS 0 Practice 360 hours
ECTS	6/6
Prerequisites	2nd course Pedagogical Practice, Psychology, Pedagogy, Age Physiology and Hygiene, Methodology of teaching Biology, Zoology, Botany, Basics of Genetics and Selection, Human Anatomy and Physiology
Discipline objectives / Learning Outcomes	<p>The purpose of the discipline is to develop practical and professional skills in future Biology teachers and prepare them for teaching activities. Adapt students to the educational environment of educational establishments, develop their skills in organizing the educational process, during active pedagogical qualification practice.</p> <p>Learning Outcomes</p> <ul style="list-style-type: none"> -apply modern pedagogical methods and information and communication technologies in teaching Biology; -check the relationships of learners with each other and with teachers, take into account the age characteristics of learners (in Biology classes) and outside the classroom (consulting classes, extracurricular activities, club classes), spiritual and educational events and the preparation of their regulatory documents; - classify didactic, technical and laboratory means of teaching Biology; - practice the basics of office work in secondary schools, academic lyceums and vocational colleges; - determine Hygienic Requirements for educational premises; - demonstrate the results of active teaching qualification practice in the form of a final report; - report on the work done based on the presentation.
Lessons' contents	<ol style="list-style-type: none"> 1. Participation in a university conference on teaching practice. Familiarization with the practice manager and the general work plan. 2. Familiarization with the address of the institution, the work process of management personnel. Compliance with road safety and safety regulations in the biological laboratory. Familiarization with the plan of activities for the spiritual and educational work of the school. 3. Observation, analysis and documentation of a biology teacher's lesson.

	<p>Observation, lesson analysis (continuously, analysis of minimum three lessons)</p> <p>4. Participation in the event on October 1st.</p> <p>5. Preparation of questions and answers on selected topics in the discipline of Biology by grade (one for grades 7-8-9-10-11)</p> <p>6. Preparation of an ESSAY (at least 200 words) on the internal rules of a secondary school</p> <p>7. Preparation of clusters (one each for grades 7-8-9-10-11) on 8 selected topics in the discipline of Biology by grade.</p> <p>8. Preparation of biological dictations on selected topics for students (one each for grades 7-8-9-10-11)</p> <p>9. Taking demo (model) lessons</p> <p>10. Creating a situation for brainstorming, preparing questions and answer options for debates on selected topics (one each for grades 7-8-9-10-11)</p> <p>11. Preparation of assignments with problem situations, questions and answer options on selected Biology topics by grade level</p> <p>12. Preparation of educational and didactic materials. Preparation of BLITZ questions and answers on selected topics in Biology</p> <p>13. Participation in the event dedicated to the Constitution Day on December 8th.</p> <p>14. Taking demo (model) lessons. Creating a situation for brainstorming, preparing questions and answer options for debates</p> <p>15. Preparation of mini-cases, development of a set of problems for cases, preparation of answer options (for 10 or 11 grades).</p> <p>16. Participation in an event dedicated to International Women's Day on March 8th.</p> <p>17. Participation in the event dedicated to Navruz on March 21st.</p> <p>18. Preparation of educational and didactic materials (handouts for practical work, preparation of test materials for various types of controls, etc.)</p> <p>19. Participation in the event dedicated to the 9th Day of Remembrance and Honor</p> <p>20. Preparation of reports, preparation of presentations on completed practice</p>
The exam format	Preparation of the report and its Defense
Teaching/learning and examination requirements	<p>No more than 2 days are allotted for drawing up the Final report on the pedagogical qualification practice, during which student trainees put the practice diary in order, draw up written reports on the practice, and prepare presentations. Each trainee submits the following materials:</p> <ul style="list-style-type: none"> - Text of the report; - Practice diary and characteristics from the supervisor; - Presentations of student interns in electronic Form; <p>The credit for teaching qualification practice is accepted by the commission in accordance with the approved order, in the presence of all students of the academic group and practice leaders. During the certification, the competencies of student interns, which they mastered in the process of undergoing teaching qualification practice, are assessed.</p>
Bibliography	<p>1. Mavlonov O., Saparov K., Toshmanov N. ZOOLOGIYA (umurtqasiz hayvonlar). 5110400-biologiya o'qitish metodikasi bakalavr ta'lim yo'nalishi talabalari uchun darslik. Sano-standart nashriyoti. Toshkent-2018.</p> <p>2. Dadayev S., Saparov K. Umurtqalilar zoologiyasi. Oliy o'quv yurtlari biologiya ixtisosligi bakalavriat bosqichi biologiya yo'nalishi talabalari uchun darslik. Toshkent, «TURON-IQBOL». 2019, 720 b.</p> <p>3. Xo'janazarov O'E., Mavlonov X., Sadinov J.S. Botanika (O'simliklar sistematikasi). T.: TDPU, 2022. Darslik.</p>

	<p>4.Duschanova G.M. Botanika - o'simliklar morfologiyasi va anatomiyasi (Laboratoriya mashg'ulotlari). – T: Bookmany print, 2022. 380 b. (o'quv qo'llanma).</p> <p>5.Tursinbayeva G.S., Duschanova G.M., Sadinov J.S. Botanika (o'simliklar morfologiyasi va anatomiyasi). Darslik. "Tafakkur bo'stoni" nashriyoti, Toshkent, 2018.</p> <p>6.Рахимова Н.К., Дусчанова Г.М., Абдуллаева А.Т., Юсупова Д.М. Анатомическое строение некоторых эндемичных однодольных геофитов флоры УзбекистанаТашкент: Издательство «Фан» АН РУз, 2021. – 208 с</p> <p>7.Маматкулов Д.А. Одам анатомияси ва физиологияси. (Анатомия) Т.: Адабиёт учқунлари 2020.</p> <p>8.Шахмурова Г.А., Хамдамова М.И. Анатомия физиологии человека. 1-часть. Учебное пособие. Т.: "Лексон пресс" нашриёти. 2021. 334 с.</p> <p>9.G'ofurov A.T., Fayzullaev S.S., I.T.Azimov., U.E.Raxmatov."Genetika va evolutsion ta'limot" Genetika Toshkent, "Tafakkur", 2021 y.</p> <p>10. U. E. Raxmatov., G'ofurov A.T., Fayzullaev S.S., "Genetikadan masala va mashqlar " Toshkent-2022 y.</p> <p>11. Fayzullaev S.S., G 'ofurov A.T. "Odam genetikasi "Toshkent-2018 y.</p> <p>12. A. T. G'ofurov va boshqalar. Biologiyani o'qitishning umumiy metodikasi . Toshkent. 2013.</p> <p>13. I. T. Azimov. Biologiya o'qitish metodikasi . Toshkent 2023.</p> <p>14.Теремов А., Шахмурова Г.А., Халитова Р.А. Методика преподавания биологии. Т.: "Lesson press". 2023. 256 с.</p> <p>15. У.Рахматов ва бoшқaлар. Biologiya o'qitish metodikasi . Toshkent 2023.</p> <p>16. Raxmatov U.E., Shaxmurova G.A., Azimov I.T. Biologiyadan masala va mashqlar yechish. Darslik. "SARVAR PRINIT" nashriyoti. Toshkent-2024y.</p> <p>17. Тиллашайхова Х.А., Назирова Л.В., Акрамова Ф.А., Рахимова И.Г, Холмуратова Д «Общая психология» - Учебное пособие. Ташкент. ТГПУ, 2023й.</p>			
Criteria for assessing tasks performed by students in the process of "4+2" practical training in pedagogical education	№	Name of events and tasks	Allocated points	Report form
	1.	Participation in the pre-internship conference and maintenance of a professional internship diary.	0-3	Based on the maintenance of a qualification practice diary and photographs
	2.	Familiarization with the internal regulations of the educational organization and drawing up a report	0-1	Based on a certified report and photographs
	3.	Working with the curriculum of the internship supervisor assigned by the educational organization	0-1	Based on information confirmed by the educational organization that the internship supervisor has been assigned and copies of the internship supervisor's work plan and curriculum.
	4.	Maintaining a practice diary	0-1	Based on daily and school life photos approved by practice leaders.

	5.	Lesson (workshop) observation	0-1	Compliance of the observed lesson (training) with the lesson schedule for that day (based on information on the e.maktab.uz platform) and preparation of a confirmed reference (presentation of the lesson, visual aids, handouts are attached) and based on photographs
	6.	Lesson (workshop) analysis	0-1	The observed lesson (workshop) complies with the lesson schedule for that day (based on information on the e.maktab.uz platform), is analyzed based on a sample lesson analysis form, and includes a presentation, visual aids, handouts, and photographs related to the lesson.
	7.	Developing skills in working with e.maktab.uz and the ERP platform	0-1	Based on screenshots and photos of work on e.maktab.uz and the ERP platform
	8.	Introduction to the combined class (group)	0-1	Based on the attached class (group) information and photographs
	9.	Familiarize yourself with the work plan and program of the teaching staff working at the educational institution (Deputy Directors for Academic Affairs, Deputy Director for Spiritual and Cultural Affairs, Class Teacher, Psychologist, Club Leader)	0-1	Based on copies of work plans and programs
	10.	Studying the level of equipment of classrooms (group rooms)	0-1	Based on a certificate and photographs confirming that the selected classroom (group) room is equipped in accordance with its specialization
	11.	The organization of the club and the involvement of students in the clubs	0-1	Based on the Charter and program of the organized clubs, as well as the information and photos of the students involved in the clubs
	12.	Create tests and questions (tasks) (20) on the topic	0-1	Based on handwritten tests and questions (tasks) on the relevant topic
	13.	Preparing event scripts	0-1	Based on the established sample and approved event scenarios

	14.	Studying the process of working with parents by a class (group) leader	0-1	Based on copies of normative documents for class (group) leaders on working with parents
	15.	Preparation of a reference book on the study of the education system of developed countries in accordance with the specialization	0-1	The education systems of developed countries will be studied and a reference book will be prepared based on the selection process.
	16.	Familiarization with the activities of the school library (schools of science, sports and art), study of library activities, work with existing literature	0-1	Based on a reference book and photographs about the activities of the library in an educational organization
	17.	Preparing a presentation on the topic of the lesson (workshop)	0-1	Based on a presentation prepared on a topic appropriate to the specialization
	18.	Organizing roundtable discussions	0-1	Based on the information and photos of the organized roundtable discussion
	19.	Preparing a characterization for a group of students in a class (group)	0-1	Based on the prepared and approved characteristics of the students of the class (group)
	20.	Familiarize yourself with quarterly control questions in the relevant subject	0-1	Based on copies of quarterly control questions
	21.	Identifying excellent students (educators) and preparing them in science	0-1	Based on the list of excellent students (tutors) in the combined class and a certificate of preparation in the subject
	22.	Analysis of the mechanism of working with students (educators) with a lack of mastery	0-1	Based on the list of free-receiving students (tutors) and the information on the mechanism of working with them
	23.	Organization of a mechanism for working with children with difficult upbringing in an educational organization	0-1	Based on a prepared handbook on the mechanism of working with difficult children
	24.	Seminar organized	0-1	Based on the organized seminar program, information sheet, and photographs

	25.	Organization of surveys	0-1	Based on the questions of the conducted surveys and the conclusions drawn from the survey results
	26.	Extracurricular activities in subjects and their analysis	0-1	Based on a report on extracurricular activities and their analysis
	27.	Preparing a conclusion on the teacher's procedure for working with students during the lesson (training)	0-1	Based on the teacher's (educator's) conclusion and photographs on the procedure for working with students
	28.	Observation and analysis of the leisure activities of students in a combined class (group)	0-1	Based on an analytical report prepared on the meaningful use of free time by students of a combined class (group)
	29.	Analysis of the work completed during the semester related to the internship process together with the internship supervisor assigned by the educational organization	0-1	Based on a report and photographs prepared on the practical work carried out during the semester
	30.	Preparing assignments on a relevant topic using modern pedagogical technologies	0-1	Based on assignments prepared using modern pedagogical technologies on a relevant topic
	31.	Organizing competitions, contests, and games	0-1	Organized competitions and contests are based on a plan, program, information, and photographs.
	32.	On the topic: "Creating questions for the Blitz survey method"	0-1	Based on questions prepared for the "Blitz survey" method
	33.	Analysis of reports of deputy directors for academic and spiritual affairs	0-1	Based on the information on the reports prepared by the relevant authorities
	34.	Evaluation by an educational institution	0-10	Based on a certificate approved by the educational institution where the internship took place
<p>Note:</p> <ol style="list-style-type: none"> 1. The assignments given in the internship program are prepared in manuscript form and are confirmed by the student's signature on each page; 2. The assignment is prepared based on the established sample and is approved by the relevant authorities; 3. The completed assignments will not be evaluated if they do not meet the 				

	assessment criteria.
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